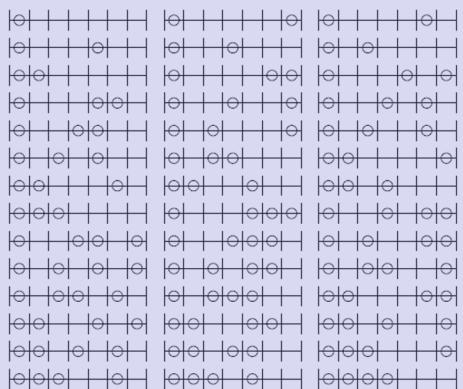


Rich Cochrane



1 note	1
2 notes	12, 21, 121, 212, 1212, 2121
3 notes	123, 132, 213, 231, 312, 312, 1213, 1231, 1232, 1321, 1323, 1312, 2123, 2131, 2132, 2312, 2313, 2321, 3121, 3123, 3132, 3212, 3213, 3231
4 notes	1234, 1243, 1324, 1342, 1423, 1432, 2134, 2143, 2314, 2341, 2413, 2431, 3142, 3124, 3214, 3241, 3412, 3421, 4123, 4132, 4213, 4231, 4312, 4321

Beyond Slonimsky

Melodic Patterns for Guitar

Beyond Slonimsky

Melodic Patterns For Guitar

B I G N O I S E P U B L I S H I N G
©2012 Rich Cochrane (version 1.1)
<http://cochranemusic.com>

Published under the following Creative Commons license:
Attribution-NonCommercial-NoDerivs 2.0 UK: England and Wales (CC BY-NC-ND 2.0)
<http://creativecommons.org/licenses/by-nc-nd/2.0/uk/>

Some rights reserved. Unaltered electronic copies of this publication may be circulated freely.
You are not permitted to sell this work in any form.

Typeset in L^AT_EX

Contents

1	Introduction	1
1.1	Slonimsky's Recipe	2
1.1.1	Stage One: Constructing the Base	2
1.1.2	Stage Two: Adding the Ornament	4
1.2	The Basic Ornaments	5
1.2.1	Layouts	5
1.2.2	Sequences	7
1.3	Application to Symmetrical Scales	9
1.3.1	Notes on the Way Things are Laid Out	10
1.4	Summary	11
Part I	Symmetrical Scales	13
2	Augmented Arpeggio	15
2.1	Augmented Fifth	15
2.2	Major Third	15
3	Diminished Seventh Arpeggio	17
3.1	Major Sixth	17
3.2	Minor Third	19
3.3	Diminished Fifth	21
4	Dominant 7 \flat5 arpeggio	23
4.1	Diminished Fifth	23
5	Whole Tone Scale	25
5.1	Whole Tone	25
5.2	Augmented Fifth	36
5.3	Major Third	42
5.4	Minor Seventh	47
5.5	Diminished Fifth	54

6 Half-Whole Diminished Scale Group	57
6.1 Major Sixth	57
6.2 Minor Third	85
6.3 Diminished Fifth	108
7 Half-Whole Diminished Scale Group	113
7.1 Major Sixth	113
7.2 Minor Third	124
8 Half-Whole Diminished Scale Subset	135
8.1 Diminished Fifth	135
9 1^{dom} + b6^{maj} Scale Group	139
9.1 Augmented Fifth	139
9.2 Major Third	140
10 4^{min} + 7^{min} Scale Group	141
10.1 Diminished Fifth	141
11 2^{maj} + #5^{maj} Scale Group	145
11.1 Diminished Fifth	145
12 Double Chromatic Scale Group	151
12.1 Diminished Fifth	151
13 Triple Chromatic Scale Group	153
13.1 Augmented Fifth	153
13.2 Major Third	162
Part II Total Chromatic	171
14 Introduction	173
15 Major Second	175
15.1 Major Second	175
15.2 Minor Seventh	195
16 Minor Third	207
16.1 Minor Third	207
16.2 Major Sixth	213
17 Major Third	219
17.1 Major Third	219
17.2 Minor Sixth	221

18 Fourth	223
18.1 Fourth	223
18.2 Fifth	253
Part III Non-Symmetrical Bases	289
19 Introduction	291
20 Major Triad	293
21 Minor Triad	305
22 Major Seventh	317
23 Minor Seventh	333
24 Half Diminished Arpeggio	345
25 Common Pentatonic	359
26 Major Scale	385

1

Introduction

Nicolas Slonimsky's *Thesaurus of Scales and Melodic Patterns* has been cited by creative musicians as different as Arnold Schoenberg, John Coltrane, Frank Zappa and Buckethead as a source of advanced material for the construction of melodic lines and dizzying solo patterns. Yet it's a pretty difficult book for the average guitarist to get into, and it definitely wasn't designed with the instrument in mind. It's fair to say that it's more often talked about than read, and a lot of musicians have a copy on their shelves with which they've made very little progress.

This book has two aims. The first is to present the main idea behind the first twelve chapters of Slonimsky's book in a way that's accessible and logical for the modern musician. The second is to present some patterns based on this idea in both standard notation and guitar tablature, organised according not to Slonimsky's rather abstract octave divisions but to note-content, a far more useful method for most purposes. The patterns presented here are different from those in the *Thesaurus*, which this book aims to supplement.

I've felt at liberty to completely reinvent Slonimsky's language and theoretical approach in order to make the material more accessible. It's important to me that the reader doesn't just have to play these patterns 'blind' and hope to get something they want to memorise. I want you to understand the theory well enough to understand Slonimsky's patterns from the inside out and be able to generate them on the fly without relying too heavily on rote. That said, you're free of course to skip the theory and dip into the book at random – that may even be a good way to start engaging with this material, especially if you find the theory a bit dry.

Like Slonimsky I've presented these patterns as unbroken runs of sixteenth-notes.

One pitfall of this is that it attracts the complaint that the material is ‘unmelodic’. The key word in the title is not, however, ‘melody’ but ‘melodic pattern’. Rhythm, tone, phrasing, style and so on are entirely up to you to come up with. Many people who use Slonimsky patterns use them to generate fast runs but you may also find they inspire more tuneful material. As with anything worthwhile, it’s there to be worked with.

Students may find my previous book, *Scale and Arpeggio Resources for Guitar*, useful for filling in some scale theory and providing standard CAGED fingerings for all the scales used in this book.

1.1 Slonimsky’s Recipe

Everything we will be dealing with is based on one fairly simple concept that underpins first twelve main chapters of Slonimsky’s *Thesaurus*. It’s a recipe for making a certain kind of melodic pattern. It’s a slightly complicated recipe and I’ll spend much of this chapter doing my best to make it absolutely clear to you what the recipe is and how to use it. The rest of the book will work through the various kinds of result it can produce. The recipe is my own description, in my own terms, of how to generate the patterns Slonimsky generates, and many more; it is not an attempt to restate or reconstruct his own theory about what he was doing, which can be found in the introductory chapter of the *Thesaurus*.

So what was Slonimsky’s big idea? As I said, it’s a recipe, but it’s complicated because it’s a bit like two recipes, one inside the other. The first gives you a system of ‘base’ pitches and the second recipe fills in additional pitches within this structure. The first is a bit like an architectural plan and the second is more like the decoration. I call these the *base* and the *ornament*¹. The two steps are to first build the base and then use the ornament repeatedly to ‘decorate’ it. The fundamental idea is that the base is a set of notes and the ornament is a pattern (like a fingering shape on the guitar); we move the pattern from one note of the base to the next and play it each time before moving on. Let’s see how this works in detail.

1.1.1 Stage One: Constructing the Base

First take a certain number of octaves – that is, usually, all the notes between some C and a C that many octaves above it, including the bottom C but not including

¹Almost all the terminology in this book is mine, not Slonimsky’s. His own terminology seems unnecessarily alienating to me, but of course your mileage may vary.

the top C. Here, for example, we've taken 2 octaves:



Now you'll find there are a limited number of ways you can divide these notes up into equal parts. Our two octaves contain 24 notes, which can be divided into three equal parts by grouping the notes in eights:



or 12 equal parts by grouping the notes in pairs:



or into 8 equal parts by grouping in threes:



It can also be split into 6, 4 or 2, but there are no other ways to split up 24 notes into equal parts (because $24 = 2^3 \times 3$). What Slonimsky does next is take just the first note of each grouping and throw away the rest, so that the last grouping into 8 equal parts would become this (compare it with the grouping above). You may recognise it as the diminished seventh arpeggio played twice (i.e. up two octaves), and a little reflection on how it was arrived at will show that this is not very surprising:



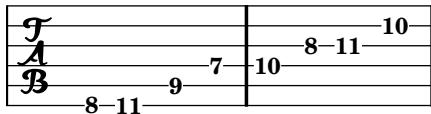
In general, Slonimsky's first recipe works as follows. First take a certain number of octaves. Then divide them into equal parts: the first note of each part goes into the 'base'. That's all there is to it. In our example we took two octaves and divided it into eight equal parts; Slonimsky is interested in *all* the possible ways to do this. The resulting base gives us the 'input' or raw material for the second recipe.

1.1.2 Stage Two: Adding the Ornament

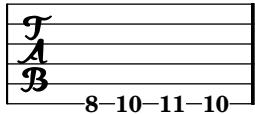
OK, so the first recipe has provided a base – a set of notes that we now want to ornament in order to make our musical material more interesting. This works a bit like ornamentation does in many other places, by creating a simple pattern and then repeating it. It probably won’t surprise you to know that the repetitions will be governed by the notes in the base we’ve just cooked up.

The pattern we’ll use will be something fairly simple that begins with each ‘base note’ in turn, and stays *exactly the same* as we move it around. So we don’t change the pattern to fit, say, a diatonic major scale. You can do that if you like, but that’s not the Slonimsky way. The pattern always stays the same, every time.

Let’s work with a concrete example. Here’s a way to play the base we just created on the guitar, starting at C:



and here’s a simple pattern of notes we could use for ornamentation:



What we want to do is take that little pattern and use it as a stencil, making *the same pattern* appear in the place of each base note. You may find the following fingering a bit awkward, but try it out slowly and match it up with the base:

Two musical staves. The top staff shows a base line with fingerings: 8-10-11-10-11-13-14-13, 9-11-12-11, and 7-9-10-9. The bottom staff shows the same base line with an ornamented version: 10-12-13-12, 8-10-11-10-11-13-14-13, and 10-12-13-12. The number '2' is written below the first staff.

You probably have to play this on the guitar to get the idea. First play the base, then play the ornamented version and notice how the same four-note pattern keeps repeating, each time starting on a different note from the base. This, and only this, is what the first twelve chapters of Slonimsky’s *Thesaurus* are about. That’s it: make a base, which Slonimsky prefers to be constructed using his ‘first recipe’ (as I’ve called it), then ornament the base in the way just described. This is Slonimsky’s Big Idea.

1.2 The Basic Ornaments

The guitar has a great advantage over many instruments for applying Slonimsky's ideas, which is that the patterns for ornamentation mostly remain the same and simply move from one place to another on the fingerboard as you go up or down the whole pattern. This may sometimes be physically awkward but at least it's very easy to visualise what to do next. In order to approach the material in this book logically, and in order to provide some technical practice, it's worthwhile isolating these ornaments and examining them systematically².

We'll consider an ornament to be composed of two parts: a *layout* and a *sequence*. The layout gives you a small pattern of notes on the fingerboard, while the sequence tells you which order to play them in. The base tell you how to move the pattern as you repeat it.

1.2.1 Layouts

We will only consider layouts that can be played on a single string within a span of six frets. Those that lie within four frets will be comfortable for all players anywhere on the fingerboard; five- and six-fret stretches are generally difficult except above the twelfth fret unless two-handed tapping is used. Tapping does allow for significantly larger layouts than these of course, but they would bulk out this book very significantly without adding much in terms of usability. The fingerings in this book, however, will avoid large stretches by using string-crossing in order to keep the main patterns within a single, practical position. Players who enjoy stretching or working out tapping sequences will be able to adapt the fingerings given to suit their tastes and may want to explore layouts that span larger intervals.

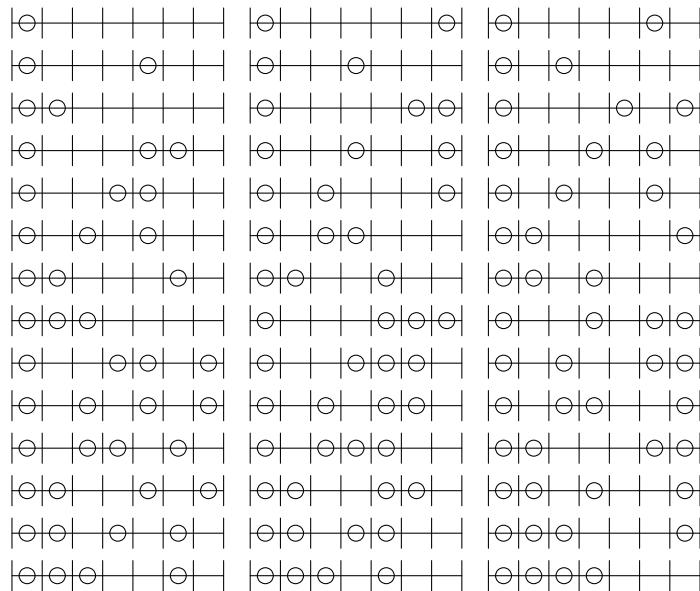
Since we have seven frets (six plus the one we're starting on), we in theory have the following numbers of layouts:

1 note	1 layout
2 notes	6 layouts
3 notes	15 layouts
4 notes	20 layouts
5 notes	15 layouts
6 notes	6 layouts
7 notes	1 layout

²Note that Slonimsky does this completely differently and arrives at somewhat different results.

giving 64 possibilities in all. Not all possibilities are equal, however: the 5-, 6- and 7-note layouts in particular are rather dull, containing as they do long runs of chromatic notes. For this reason we'll exclude them from our consideration, leaving 42 possibilities in all. It's worth noting that Slonimsky doesn't include such patterns in the *Thesaurus* either.

So what are the remaining 42 layouts? Here's a complete list. Each horizontal line can be thought of as a string and the short vertical lines as frets (an example follows that should make this clearer).



As an example in understanding these layouts, we can use this layout:



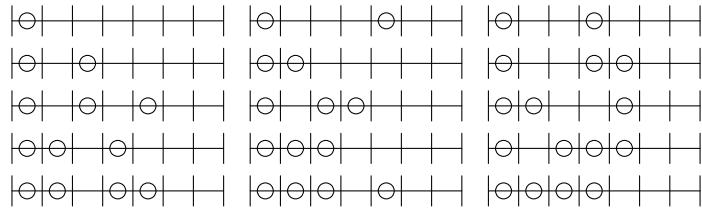
to play any of the following patterns:

T			10-11-10-8
A			
B			
5 - 7 - 8	5 - 8 - 7 - 8	5 - 4 - 2	

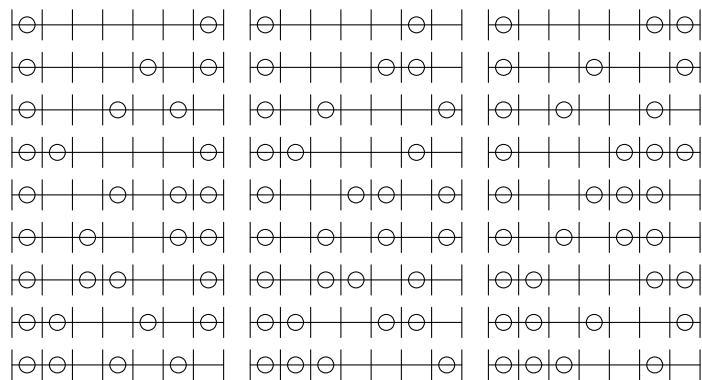
Play these on the guitar if necessary to see how in each case the same relationship between the notes is present, even though the pitches and the order in which they're used is different. This is the key to the idea of a layout – it's a pattern of notes that can be moved around and played in any order you like. This is the basic ingredient of our ornamentation.

In some cases it may be useful to make a distinction between layouts that span at most four frets and those that require an out-of-position stretch if they're to be played on a single string. The former will always be treated first and called *standard layouts*; the others will be called *stretch layouts*. Here are the two classes of layouts so you can see the difference:

Standard Layouts



Stretch Layouts



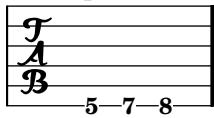
1.2.2 Sequences

Like Slonimsky, we insist that every ornament must *start* with the base note it's built on, and that this must be the lowest-pitched note in the layout – that is, all valid sequences start with a ‘1’. This means we don't have to worry about modal equivalences between different patterns (there won't be any) but we can still arrive at all the patterns we would have been able to anyway. Unlike Slonimsky, we'll allow some repetition of notes within an ornament, because that's quite strongly characteristic of a number of guitar styles and can create interesting sounds. Obviously, though, there has to be a limit to how many repetitions we'll allow, otherwise a sequence can go on forever.

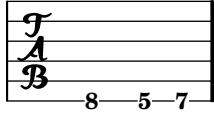
We choose four notes as our limit in this book. This would be enough to reproduce all but a few of Slonimsky's patterns and a huge number that he doesn't include. For a given layout we'll number the notes it contains sequentially. So if we take this layout:



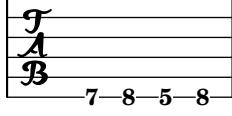
this pattern will be called 123:



this will be called 312:



and this will be 2313:



We will also impose the rule that any sequence applied to a layout must use each of the layout's notes at least once (this avoids manifestly silly cases such as a four-note layout with a three-note sequence). A simple exercise in combinations tells us that we have the following possible sequences for each type of layout:

1 note	1
2 notes	12, 21, 121, 212, 1212, 2121
3 notes	123, 132, 213, 231, 312, 312, 1213, 1231, 1232, 1321, 1323, 1312, 2123, 2131, 2132, 2312, 2313, 2321, 3121, 3123, 3132, 3212, 3213, 3231
4 notes	1234, 1243, 1324, 1342, 1423, 1432, 2134, 2143, 2314, 2341, 2413, 2431, 3142, 3124, 3214, 3241, 3412, 3421, 4123, 4132, 4213, 4231, 4312, 4321

Combining sequences with layouts we arrive at the final counts for the numbers of possible ornaments:

1 note	1
2 notes	36
3 notes	360
4 notes	480

These are certainly large numbers: for any given base we have a total of 877 possible ornaments to consider. In practice we find that it is somewhat fewer than this in many cases, since we will follow Slonimsky and disallow any pattern that contains consecutive doubling of the same pitch. We will not follow Slonimsky as far as excluding any sequence that includes the next note from the base anywhere within it, since these do have musical applications. In any case, in this book the aim is to present a selection of possibilities without trying to be exhaustive, safe in the knowledge that the reader who has understood the recipe can construct as many additional patterns as they require³.

With practice this can be done improvisationally, too. Once you have the idea of playing a fixed ornament on a symmetrical base, and you know how to play the bases in question, it is quite easy to come up with ornaments on a chosen base *ad lib.* This may be a worthwhile goal to pursue, depending on the type of music you play and the importance of improvisation within it; some players will prefer to develop this material in advance, allowing for greater complexity and, of course, speed.

1.3 Application to Symmetrical Scales

A recipe like this one is all well and good, but many students who've heard a lot of talk about the *Thesaurus* wonder why such a weirdly mechanical idea might be worth studying and how its results might be applied.

Slonimsky himself was a great defender of musical modernism and his idea was not, therefore, originally intended for use by jazz, rock or pop musicians who still mostly work with harmonic structures composed of triad-based chords in conventional arrangements. Nor, though, is it especially applicable to serialism, which became the dominant language of the international modernist style. If Coltrane hadn't found inspiration in it, the system may have remained an obscure historical curiosity, a road not travelled in the annals of the experimentation of the mid-twentieth century. There are plenty of others whose company it could have joined.

³Slonimsky's original book does not contain all of the possibilities offered by his own system either, despite some claims others have made to the contrary.

Surprisingly, although the Slonimsky recipe as I've described it is capable of producing an extremely large number of patterns they can be grouped into a rather small number of categories based on which chord tones they contain. This will be a key analytical tool used in this book, since even those who are working outside the tonal idiom may find it helpful in determining the sounds involved, and those working within it will find it indispensable.

As an example of what I mean, consider this fairly typical pattern:



If you look at the pitches used, you'll find they are C, C \sharp , D \sharp , E, F \sharp , G, A, B \flat , which is the Half-Whole Tone Diminished Scale in the key of C. You can therefore use this pattern anywhere where you might use this scale; you're playing the scale, but perhaps using a pattern you wouldn't have thought of before. It should be obvious that all patterns that contain all and only the notes of this scale share something very important in common. Because of this, this book's chapters organise the patterns by note-content, not by the base as Slonimsky does.

When studying the patterns in this book it may help to concentrate on one or two of these at first, since they share a common sound. If, on the other hand, you're interested in hearing how much *variety* the recipe is capable of producing, try picking one or two patterns from each chapter instead.

Rather than starting with a twelve-tone conception as Slonimsky did, I'm guessing you'll be used to thinking in terms of scales and arpeggios when playing, and that starting there will be rather more helpful. As a consequence, the first part of this book is devoted entirely to patterns that result in a set of notes that form a scale (well-known or not) other than the chromatic scale. In the second part we look at some patterns that produce all twelve tones.

1.3.1 Notes on the Way Things are Laid Out

The fingerings for the melodic patterns are generally given starting from C at the eighth fret and ascending only. They remain strictly in position except for a few high notes that require position shifts. In these cases you will never see a note on the frets below the eighth fret, even when this can make the fingering decidedly easier. There are a few reasons for this, but the main one is consistency; since you will soon come to know what to expect, you can experiment with any fingering in order to vary it to your tastes. The fingerings as given are certainly not intended to be the

most efficient or convenient; they are simply easy to understand on a first reading.

In order to make the larger patterns playable on the guitar octave transpositions have frequently been used; Slonimsky never does this. Using alternative fingerings you will be able to construct runs that cover more octaves than those included in this book, but the way the runs change direction when a transposition takes place seems to me to be attractive as well as sometimes yielding some interesting fingerings. As with everything else, you are at liberty to experiment with different octave placements of notes, and if you play an instrument other than guitar you may even find it technically advantageous to do so.

In order to save space I have given all patterns in the ascending form only. To play them descending simply play the notes in exactly reverse order. Although a little awkward at first it's very easy to develop facility at reading them backwards.

Each chapter in the first part is, as I explained above, devoted to patterns that contain all and only the notes of some known scale or arpeggio; the second part contains patterns covering the total chromatic and the third introduces the idea of non-symmetrical bases, which are explained there. Within each chapter in the first part I have grouped the patterns by the interval by which the base moved before octave transpositions become necessary. Each pattern is headed with a visual representation of the layout and sequence to aid interpretation.

1.4 Summary

Slonimsky's Big Idea, which occupies the twelve chapters of the *Thesaurus* that concern us, is to build a base using a symmetrical (that is, equal) division of several octaves and then decorate that base with an ornament. We have analysed an ornament into a layout and a sequence that, when combined, tell us how to decorate each note in the base. This will generate thousands of patterns for us to experiment with, and a selection of those patterns are presented in the next chapters.

Part I

Symmetrical

Scales

2

Augmented Arpeggio

2.1 Augmented Fifth

|○| + | + |○| + | [1, 2, 1]

Sheet music for an augmented fifth arpeggio. The top staff shows a treble clef, a key signature of one sharp, and a sixteenth-note pattern: D, E, F#, G, A, B. The bottom staff shows a bass clef, a key signature of one sharp, and a sixteenth-note pattern: B, A, G, F#, E, D. Fingerings are indicated: 8-12-8 on the bass staff, 11-11 on the first measure of the treble staff, 10 on the second measure of the treble staff, and 9-9 on the third measure of the treble staff.

2.2 Major Third

|○| + | + |○| + | [1, 2, 1]

Sheet music for a major third arpeggio. The top staff shows a treble clef, a key signature of one sharp, and a sixteenth-note pattern: D, E, F#, G, A, B. The bottom staff shows a bass clef, a key signature of one sharp, and a sixteenth-note pattern: B, A, G, F#, E, D. Fingerings are indicated: 8-12-8-12 on the bass staff, 11-11-10 on the first measure of the treble staff, 10 on the second measure of the treble staff, and 9-9-9-9-9-13-9 on the third measure of the treble staff.

3

Diminished Seventh Arpeggio

3.1 Major Sixth

| Θ | + + + | Θ | [1, 2, 1]

Treble clef staff: A# (1), C# (2), E (3), G# (4)
Guitar neck diagram:
String A (Top): 8 - 11 - 8 - 13 - 11 - 8 - 10 - 8
String B (Bottom): 8 - 9 - 12 - 12

| Θ | + | Θ | + + | [1, 2, 1]

Treble clef staff: A# (1), C# (2), E (3), G# (4)
Guitar neck diagram:
String A (Top): 10 - 11 - 11 - 8 - 11 - 8
String B (Bottom): 8 - 11 - 8 - 12 - 12

|○| |○| |○| [1, 3, 2]

Treble staff: eighth-note triplets (F#-A-G, B-A-G, C#-E-D, F#-A-G).
 Bass staff A: 8, 10, 13-10, 8, 10, 11.
 Bass staff B: 8, 11, 12.

|○| |○| |○| [1, 2, 3]

Treble staff: eighth-note triplets (F#-A-G, B-A-G, C#-E-D, F#-A-G).
 Bass staff A: 8, 11, 10-13, 8, 11, 10.
 Bass staff B: 8, 11, 9-12, 10.

|○| |○| |○| [1, 3, 2, 1]

Treble staff: eighth-note triplets (F#-A-G, B-A-G, C#-E-D, F#-A-G).
 Bass staff A: 8, 11, 13-10, 11-8, 10, 11-8.
 Bass staff B: 8, 11, 12, 12.

|○| |○| |○| [1, 2, 3, 1]

Treble staff: eighth-note triplets (F#-A-G, B-A-G, C#-E-D, F#-A-G).
 Bass staff A: 8, 11, 10-13, 11-8, 11, 8.
 Bass staff B: 8, 11, 9, 12, 12.

|○| |○| |○| [1, 2, 3, 2]

Treble clef, 12th position. Fingerings: 8-11, 9-12, 10-10, 11-10, 10-13-10, 8-11, 10-11.

|○| |○| |○| [1, 3, 2, 3]

Treble clef, 12th position. Fingerings: 8-8, 11-10, 13-10-13, 8-11, 10-10, 11-10.

3.2 Minor Third

|○| | | | | |○| [1, 2, 1]

Treble clef, 12th position. Fingerings: 8-8, 11-12, 12-9, 10-9, 12-12, 10-10, 11-8, 10-8, 13-13, 10-11, 10-10.

|○| |○| | | | [1, 2, 1]

Treble clef, 12th position. Fingerings: 8-11-8-11, 9-11, 9-12-9-12, 10-12, 10-10, 8-10, 8-11-8-11, 10-11, 10-13-10.

|○| |○| + |○| [1, 2, 3]

T
A
B

8-11-11-9-12-9-12-10-10-8 | 10-8-11-8-11-10-11-10-13-10-13-11

|○| |○| + |○| [1, 3, 2, 1]

T
A
B

9-10-12-9-11-12-9-10-12-10-11-10 | 10-11-8-10-8-11-10-11-8-11-13-10-11-10-13-10-11

|○| |○| + |○| [1, 2, 3, 1]

T
A
B

8-11-8-11-9-12-9-12-10-10-12 | 10-8-11-10-8-11-10-8-11-10-13-11-10-13-11-10-11

|○| |○| + |○| [1, 3, 2, 3]

T
A
B

9-10-12-9-11-12-9-10-12-10-11-10 | 10-11-8-11-8-10-11-10-11-10-13-10-11-10-13-11-10-11

3.3 Diminished Fifth

|○| |○| + + [1, 2, 1]

|○| |○| + ○ [1, 3, 2]

|○| + |○| + ○ [1, 3, 2, 1]

|○| + |○| + ○ [1, 2, 3, 1]

|○| |○| |○| [1, 2, 3, 2]

4

Dominant 7 \flat 5 arpeggio

4.1 Diminished Fifth

| Θ —|—|—| Θ —|—| [1, 2, 1]

T
A
B
8-12-8

9 8 10 10 | 11 11 10 10 11 11

| Θ —|—|—| Θ —| Θ —| [1, 3, 2]

T
A
B
8 9 10 8-10 11-9 | 11 13-11 10 11-9-11 13-11

|○| | | |○| |○| [1, 3, 2, 1]

|○| | | |○| |○| [1, 2, 3, 1]

|○| | | |○| |○| [1, 2, 3, 2]

5

Whole Tone Scale

5.1 Whole Tone

|ο| | | | | |ο| [1, 2, 1]

Treble clef staff:

Measure 1: G, A, B, C, D, E

Measure 2: A, B, C, D, E, G

Measure 3: B, C, D, E, G, A

Guitar neck diagrams:

Diagram A (Major scale): 8, 9, 8, 10, 11, 10, 12, 12, 8, 9, 10, 9, 11, 12, 11, 8, 9, 8

Diagram B (Minor scale): 8, 9, 8, 10, 11, 10, 12, 12, 8, 9, 11, 13, 9, 10, 9, 11, 12, 11

|○| | | |○| | | | [1, 2, 1]

T
A
B

8 12 8 10 9 10 12 11 12 | 9 8 9 11 10 11 8 12 8

³

T
A
B

10 9 10 12 11 12 9 9 | 11 11 9 13 9 11 10 11

|○| |○| | | | | [1, 2, 1]

T
A
B

8 10 8 10 12 10 12 9 12 | 9 11 9 11 8 11 8 10 8

³

T
A
B

10 12 10 12 9 12 9 11 9 | 11 9 11 9 11 13 11

| Θ —|—|—| Θ —| Θ —| [1, 3, 2]

Musical score for Whole Tone mode on guitar strings A and B. The score consists of two staves. The top staff shows a sequence of notes on strings A and B. The bottom staff shows a sequence of notes on strings A and B. The notes are marked with sharp signs (#) indicating the mode.

Staff 1 (Top):

8	9	12	10	11	9	12	8	11	9	10	8	11	12	10	8	12
---	---	----	----	----	---	----	---	----	---	----	---	----	----	----	---	----

Staff 2 (Bottom):

10	11	9	12	9	11	9	11	9	13	11	9	10	13	11	12	10
----	----	---	----	---	----	---	----	---	----	----	---	----	----	----	----	----

| Θ —|—|—| Θ —| Θ —| [1, 2, 3]

Musical score for Whole Tone mode on guitar strings A and B. The score consists of two staves. The top staff shows a sequence of notes on strings A and B. The bottom staff shows a sequence of notes on strings A and B. The notes are marked with sharp signs (#) indicating the mode.

Staff 1 (Top):

8	12	9	10	9	11	12	11	8	9	8	10	11	10	12	8	12	9
---	----	---	----	---	----	----	----	---	---	---	----	----	----	----	---	----	---

Staff 2 (Bottom):

10	9	11	12	11	9	9	11	11	11	13	9	13	10	11	10	12
----	---	----	----	----	---	---	----	----	----	----	---	----	----	----	----	----

|○| | | |○| |○| [1, 3, 2, 1]

3

|○| | | |○| |○| [1, 2, 3, 1]

3

|○| | | |○| |○| [1, 2, 3, 2]

T
A
B

8-12 9-12-10 9-11-9 12-11-8

9-8-10-8 11-10-12-10-8-12 9-12

³

T
A
B

10-9-11-9-12 11-9-11-9 9-11-9

11-11-13-11-9-13 10-13-11-10-12-10

|○| | | |○| |○| [1, 3, 2, 3]

T
A
B

8-9-12 9-10-11-9-11 12-8-11-8

9-10-8-10 11-12-10-12-8 9-12

³

T
A
B

10-11-9-11 9-11-9-11 11-13-11-13-9-10

13-11-13-9-10-13-11-10-12

$\left| \circ \right| \left| \circ \right| \left| \right| \left| \right| \left| \circ \right| [1, 2, 3]$

$$|\Theta| \quad |\Theta| \quad | \quad | \quad |\Theta| \quad [1, 3, 2, 1]$$

The sheet music consists of two staves. The top staff uses a treble clef and a bass clef, with a key signature of one sharp. The bottom staff also uses a treble clef and a bass clef, with a key signature of one sharp. The music is divided into two measures by a vertical bar line.

|○| |○| | | |○| [1, 2, 3, 1]

Whole Tone Scale Pattern:

Treble Clef Staff: |○| |○| | | |○| [1, 2, 3, 1]

Bass Clef Staff:

Measure 1: 8-10, 9-11, 10-12, 11-12 | 9-11, 10-12, 11-12, 12

Measure 2: 9-11, 10-12, 11-12, 12 | 9-11, 10-12, 11-12, 11

Measure 3: 10-12, 11-12, 9-11, 11-12 | 11-13, 11-12, 10-11, 11-12

|○| |○| | | |○| [1, 3, 2, 3]

Whole Tone Scale Pattern:

Treble Clef Staff: |○| |○| | | |○| [1, 3, 2, 3]

Bass Clef Staff:

Measure 1: 8-10, 9-11, 10-12, 11-12 | 8-9, 8-9

Measure 2: 9-10, 11-12, 10-11, 11-12 | 9-10, 11-12, 10-11, 12-8

Measure 3: 10-12, 11-12, 9-9, 11-11 | 11-13, 9-9, 10-10, 11-11

$\boxed{\circ}$ $\boxed{\circ}$ $\boxed{\circ}$ $\boxed{\circ}$ [1, 2, 3]

Sheet music for guitar, two staves:

Top Staff (Treble Clef):

- Measure 1: B-A-G-F-E-D
- Measure 2: C-B-A-G-F-E
- Measure 3: D-C-B-A-G-F
- Measure 4: E-D-C-B-A-G
- Measure 5: F-E-D-C-B-A
- Measure 6: G-F-E-D-C-B

Bottom Staff (Bass Clef):

- Measure 1: E, G, B, D, F, A
- Measure 2: G, B, D, F, A, C
- Measure 3: B, D, F, A, C, E

$$|\bullet| \quad |\circ| \quad |\circ| \quad | \quad [1, 3, 2, 1]$$

1 2 3 4 5 6

|○| |○| |○| + | [1, 2, 3, 1]

1

A
B

8-10-12-8-10-12 9-10-12-9-11-12 | 9-11-8-9-11-8-10-11-8-10-12-8

3

A
B

10-12-9-10-12-9-11-12-9-11-9 | 11-9-11-11-9-11-13-9-11-13-10-11

|○| |○| |○| + | [1, 3, 2, 3]

3

A
B

8-12-10-12-10-9-12-12-11-9-11 | 9-8-11-8-11-10-8-10-8-12-10-12

3

A
B

9-12-9-12-11-9-11-9-9-11 | 11-11-9-11-9-13-11-13-11-10-10-13

|○| |○| |○| |○| [1, 4, 2, 3]

Musical score for Whole Tone Scale pattern [1, 4, 2, 3]. The score consists of two staves: Treble (top) and Bass (bottom). The Treble staff shows a sequence of eighth-note patterns: 1st measure (E, F#, G, A), 2nd measure (F#, G, A, B). The Bass staff shows a sequence of quarter-note patterns: 1st measure (B, C, D, E), 2nd measure (C, D, E, F#). The score is divided by a vertical bar line.

|○| |○| |○| |○| [1, 2, 4, 3]

Musical score for Whole Tone Scale pattern [1, 2, 4, 3]. The score consists of two staves: Treble (top) and Bass (bottom). The Treble staff shows a sequence of eighth-note patterns: 1st measure (E, F#, G, A), 2nd measure (F#, G, A, B). The Bass staff shows a sequence of quarter-note patterns: 1st measure (B, C, D, E), 2nd measure (C, D, E, F#). The score is divided by a vertical bar line.

|○| |○| |○| |○| [1, 3, 2, 4]

|○| |○| |○| |○| [1, 2, 3, 4]

5.2 Augmented Fifth

| Θ —|—|—|—|—| Θ | [1, 2, 1]

Treble clef staff with notes: A, B, C-sharp, D, E, F-sharp.

Bass clef staff with notes: 8, 9, 11, 12, 9, 11.

| Θ —| Θ —|—|—|—| [1, 2, 1]

Treble clef staff with notes: A, B, C-sharp, D, E, F-sharp.

Bass clef staff with notes: 8, 11, 11, 9, 11, 9.

| Θ —|—|—| Θ —| Θ | [1, 3, 2]

Treble clef staff with notes: A, B, C-sharp, D, E, F-sharp.

Bass clef staff with notes: 8, 12, 11, 12, 10, 9.

| Θ —|—|—| Θ —| Θ | [1, 2, 3]

Treble clef staff with notes: A, B, C-sharp, D, E, F-sharp.

Bass clef staff with notes: 8, 12, 9, 11, 10, 12, 9.

|○| | | |○| |○| [1, 3, 2, 1]

Musical staff showing a melodic line with sixteenth-note patterns and a bass staff below it. The bass staff has labels A and B above the notes, and below the staff are the numbers 8, 9, 12, 10, 11, 11.

|○| | | |○| |○| [1, 2, 3, 1]

Musical staff showing a melodic line with sixteenth-note patterns and a bass staff below it. The bass staff has labels A and B above the notes, and below the staff are the numbers 8, 12, 9, 11, 10-12, 11.

|○| | | |○| |○| [1, 2, 3, 2]

Musical staff showing a melodic line with sixteenth-note patterns and a bass staff below it. The bass staff has labels A and B above the notes, and below the staff are the numbers 8-12, 12, 9, 11, 10-12, 10.

|○| | | |○| |○| [1, 3, 2, 3]

Musical staff showing a melodic line with sixteenth-note patterns and a bass staff below it. The bass staff has labels A and B above the notes, and below the staff are the numbers 8, 12, 9, 9, 11, 12, 10, 12.

|○| |○| | | |○| [1, 3, 2]

Treble clef staff: A, B, C-sharp, D, E, F-sharp.

Bass clef staff: 8, 9, 10, 11, 12, 8, 9, 11.

|○| |○| | | |○| [1, 2, 3]

Treble clef staff: A, B, C-sharp, D, E, F-sharp.

Bass clef staff: 8-10, 9, 11, 8-12, 9, 11.

|○| |○| | | |○| [1, 3, 2, 1]

Treble clef staff: A, B, C-sharp, D, E, F-sharp.

Bass clef staff: 8, 9, 10-8, 11, 12-8, 9, 11-9.

|○| |○| | | |○| [1, 2, 3, 1]

Treble clef staff: A, B, C-sharp, D, E, F-sharp.

Bass clef staff: 8-10, 8, 11, 8-12, 11, 9, 11-9.

|○| |○| | | |○| [1, 2, 3, 2]

Musical staff showing a melodic line with grace notes and a bass staff below it. The bass staff has labels: A (9), B (10), 8-12-8, 9-11-11, 8-10.

|○| |○| | | |○| [1, 3, 2, 3]

Musical staff showing a melodic line with grace notes and a bass staff below it. The bass staff has labels: A (9), B (10), 9-11, 12-8-12, 9-11-11.

|○| |○| |○| | | [1, 3, 2]

Musical staff showing a melodic line with grace notes and a bass staff below it. The bass staff has labels: A (9), B (10), 10-8, 9-11.

|○| |○| |○| | | [1, 2, 3]

Musical staff showing a melodic line with grace notes and a bass staff below it. The bass staff has labels: A (9), B (10), 8-10, 9-11-9.

|○| |○| |○| + [1, 3, 2, 1]

Treble clef staff: Notes at 8, 9, 10, 11, 12, 11, 10, 9.

Guitar neck diagram:

- A:** Notes at 8, 10, 12, 8.
- B:** Notes at 11, 10, 8, 11.

|○| |○| |○| + [1, 2, 3, 1]

Treble clef staff: Notes at 8, 9, 10, 11, 12, 11, 10, 9.

Guitar neck diagram:

- A:** Notes at 8, 10, 12, 8.
- B:** Notes at 11, 9, 11, 9.

|○| |○| |○| + [1, 2, 3, 2]

Treble clef staff: Notes at 8, 9, 10, 11, 12, 11, 10, 9.

Guitar neck diagram:

- A:** Notes at 8, 10, 12, 10.
- B:** Notes at 11, 9, 11, 11.

|○| |○| |○| + [1, 3, 2, 3]

Treble clef staff: Notes at 8, 9, 10, 11, 12, 11, 10, 9.

Guitar neck diagram:

- A:** Notes at 10, 8, 10, 9.
- B:** Notes at 11, 9, 11, 9.

|○| |○| |○| |○| [1, 3, 4, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a 12-fret augmented fifth position on a guitar.

Melodic Line:

- Notes: Open, Open
- Position: 12th fret (A) - 1st fret (E)
- String: 6th string (B)

Bass Staff Fingerings:

- Fret 12: A (up), B (down)
- Fret 11: A (up), B (down)
- Fret 10: A (up), B (down)
- Fret 8: A (up), B (down)

|○| |○| |○| |○| [1, 4, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a 12-fret augmented fifth position on a guitar.

Melodic Line:

- Notes: Open, Open
- Position: 12th fret (A) - 1st fret (E)
- String: 6th string (B)

Bass Staff Fingerings:

- Fret 12: A (up), B (down)
- Fret 11: A (up), B (down)
- Fret 10: A (up), B (down)
- Fret 8: A (up), B (down)

|○| |○| |○| |○| [1, 4, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a 12-fret augmented fifth position on a guitar.

Melodic Line:

- Notes: Open, Open
- Position: 12th fret (A) - 1st fret (E)
- String: 6th string (B)

Bass Staff Fingerings:

- Fret 12: A (up), B (down)
- Fret 11: A (up), B (down)
- Fret 10: A (up), B (down)
- Fret 8: A (up), B (down)

|○| |○| |○| |○| [1, 2, 4, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a 12-fret augmented fifth position on a guitar.

Melodic Line:

- Notes: Open, Open
- Position: 12th fret (A) - 1st fret (E)
- String: 6th string (B)

Bass Staff Fingerings:

- Fret 12: A (up), B (down)
- Fret 11: A (up), B (down)
- Fret 10: A (up), B (down)
- Fret 8: A (up), B (down)

|○| |○| |○| |○| [1, 3, 2, 4]

|○| |○| |○| |○| [1, 2, 3, 4]

5.3 Major Third

|○| | | | | |○| [1, 2, 1]

|○| |○| | | | | [1, 2, 1]

|○| | | |○| |○| [1, 2, 3]

T
A
B

9-11-11-10-12 | 10-9-11-9-13¹⁰

8-12-12 | 10

|○| | | |○| |○| [1, 3, 2, 1]

T
A
B

8-11-11-12-10 | 10-11-9-9-13-9¹⁰

8-12-8-12 | 10-11-11-12

|○| | | |○| |○| [1, 2, 3, 1]

T
A
B

8-11-11-12-10 | 10-9-11-10-9-9-13-9¹⁰

8-12-8-12 | 10-9-11-11-12

|○| | | |○| |○| [1, 3, 2, 3]

T
A
B

8-11-11-12-10 | 10-11-9-11-9-11-9-13-10¹⁰

8-12-9-12 | 10-11-11-12

| Θ | | Θ | | | | Θ | [1, 3, 2]

Treble clef staff: Notes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Bass clef staff: Notes 8, 9, 10, 11, 12, 10-12, 11-12, 9-11, 12-8, 11-12, 10-12, 11-9-11, 11-9-11, 10.

| Θ | | Θ | | | | Θ | [1, 2, 3]

Treble clef staff: Notes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Bass clef staff: Notes 8, 9, 10, 11, 12, 8-10, 12, 9, 11, 8-12, 10-12, 11-9-11, 11-9-11, 10.

| Θ | | Θ | | | | Θ | [1, 3, 2, 1]

Treble clef staff: Notes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Bass clef staff: Notes 9, 10, 8, 12, 10-8, 12, 9, 11, 12-8, 11, 10, 11-12-10, 9-11-9, 11-9-11, 9-11-9, 10.

| Θ | | Θ | | | | Θ | [1, 2, 3, 1]

Treble clef staff: Notes 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Bass clef staff: Notes 10, 12, 9, 8, 12-10, 11, 11-8-12, 11, 10-12, 11-10, 9-11-11, 11-9-11, 9-11-9, 10.

|○| |○| | | |○| [1, 2, 3, 2]

Treble clef, 12th position. Fingerings: 8-10, 9-10-12, 9, 8, 9-11, 8-12-8, 10-12, 11-12, 11-9-11, 11-11, 10.

|○| |○| | | |○| [1, 3, 2, 3]

Treble clef, 12th position. Fingerings: 8, 10, 12, 9, 9, 8, 9, 11, 12-8-12, 10, 11-12, 11-11-9, 11-11, 10, 10.

|○| |○| |○| | | [1, 3, 2]

Treble clef, 12th position. Fingerings: 8-12-10-12, 11-9-11, 10-8, 10, 9-12, 9-9-11, 9-13-11.

|○| |○| |○| | | [1, 3, 2, 1]

Treble clef, 12th position. Fingerings: 8-12-10-8-12, 11-9-12, 11-11, 10-8, 10, 9-12-10, 9-9-11-9, 9-13-11-9.

|○| |○| |○| + [1, 2, 3, 1]

|○| |○| |○| + [1, 2, 3, 2]

|○| |○| |○| + [1, 3, 4, 2]

|○| |○| |○| + [1, 4, 3, 2]

|○| |○| |○| |○| [1, 3, 2, 4]

|○| |○| |○| |○| [1, 2, 3, 4]

5.4 Minor Seventh

|○| | | | | |○| [1, 2, 1]

|○| | | |○| | | [1, 2, 1]

| Θ | | Θ | | | | [1, 2, 1]

| Θ | | | | Θ | | Θ | [1, 3, 2]

| Θ | | | | Θ | | Θ | [1, 2, 3]

| Θ | | | | Θ | | Θ | [1, 3, 2, 1]

|○| | | |○| |○| [1, 2, 3, 1]

|○| | | |○| |○| [1, 2, 3, 2]

|○| | | |○| |○| [1, 3, 2, 3]

|○| |○| | | |○| [1, 3, 2]

| Θ | | Θ | | | | Θ | [1, 2, 3]

| Θ | | Θ | | | | Θ | [1, 3, 2, 1]

| Θ | | Θ | | | | Θ | [1, 2, 3, 1]

| Θ | | Θ | | | | Θ | [1, 2, 3, 2]

|○| |○| | | |○| [1, 3, 2, 3]

|○| |○| |○| | | [1, 3, 2]

|○| |○| |○| | | [1, 2, 3]

|○| |○| |○| | | [1, 3, 2, 1]

|○| |○| |○| + | [1, 2, 3, 1]

Treble clef staff with a whole tone scale pattern. Below it is a guitar neck diagram with three strings labeled A, B, and T. Fret numbers are indicated below the strings: 8-10-12-8, 9-11-13-9, 11-11-9-11-9, and 12-9-11-12.

|○| |○| |○| + | [1, 2, 3, 2]

Treble clef staff with a whole tone scale pattern. Below it is a guitar neck diagram with three strings labeled A, B, and T. Fret numbers are indicated below the strings: 8-10-12-10, 9-11-13-11, 11-9-11-9, and 12-9-11-9.

|○| |○| |○| + | [1, 3, 2, 3]

Treble clef staff with a whole tone scale pattern. Below it is a guitar neck diagram with three strings labeled A, B, and T. Fret numbers are indicated below the strings: 8-12-10-12, 9-13-11-13, 11-11-9-11-9, and 12-11-9-11.

|○| |○| |○| + | [1, 3, 4, 2]

Treble clef staff with a whole tone scale pattern. Below it is a guitar neck diagram with three strings labeled A, B, and T. Fret numbers are indicated below the strings: 8-12-10, 9-13-11-10, 11-11-9-9, and 12-11-11-9.

|○| |○| |○| |○| [1, 4, 3, 2]

|○| |○| |○| |○| [1, 4, 2, 3]

|○| |○| |○| |○| [1, 2, 4, 3]

|○| |○| |○| |○| [1, 3, 2, 4]

|o| o| o| o| [1, 2, 3, 4]

5.5 Diminished Fifth

|o| o| o| + | [1, 3, 2]

|o| o| o| + | [1, 2, 3]

|o| o| o| + | [1, 3, 2, 1]

|○| |○| |○| + | [1, 2, 3, 1]

T
A
B
8-10-12-8 9-11-8-9 10-12-9-10 | 11-9-11-10 11-10-12-10 9-11-10-11

|○| |○| |○| + | [1, 2, 3, 2]

T
A
B
8-10-12-10 9-11-11 10-12-9-12 | 11-9-11-9 10-12-12-11 9-11-9

|○| |○| |○| + | [1, 3, 2, 3]

T
A
B
8-12-10-12 9-11 8-10-9-12 | 11-10-12 9-12 9-11-10-11

|○| |○| |○| + | [1, 3, 4, 2]

T
A
B
8-12-10 9-10 8-10-10-11 | 11-10-12-11 9-11-12-11 11-13-9-11

|○| |○| |○| |○| [1, 4, 3, 2]

|○| |○| |○| |○| [1, 4, 2, 3]

|○| |○| |○| |○| [1, 2, 4, 3]

6

Half-Whole Diminished Scale Group

6.1 Major Sixth

|○| | | | |○| | [1, 2, 1]

A musical staff in treble clef. It shows a sequence of notes: a quarter note, followed by a eighth-note pair, a sixteenth-note pair, a quarter note, a eighth-note pair, a sixteenth-note pair, a quarter note, and a eighth-note pair. The notes are primarily black with some sharp symbols.

T 12-11-11-8-9-8
A 8-8-12-12
B 8-8

|○| | | |○| | [1, 2, 1]

A musical staff in treble clef. It shows a sequence of notes: a quarter note, followed by a eighth-note pair, a sixteenth-note pair, a quarter note, a eighth-note pair, a sixteenth-note pair, a quarter note, and a eighth-note pair. The notes are primarily black with some sharp symbols.

T 11-11-8-12-8
A 11-11-8-12-8
B 8-12-8

| \ominus | | \ominus | | + + | [1, 2, 1]

A musical staff in G major with a treble clef. It features a sequence of eighth and sixteenth notes, including grace notes. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 9, 11, 11, 8, 10, 8. Staff B has notes at 8, 10, 8, 12, 12.

| \ominus | | \ominus | | + + | [1, 2, 1]

A musical staff in G major with a treble clef. It features a sequence of eighth and sixteenth notes, including grace notes. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 11, 12, 11, 8, 9, 8. Staff B has notes at 8, 9, 8, 12, 12.

| \ominus | + + + | \ominus | | [1, 3, 2]

A musical staff in G major with a treble clef. It features a sequence of eighth and sixteenth notes, including grace notes. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 11, 13, 12, 10, 9. Staff B has notes at 9, 8, 12, 8.

| \ominus | + + + | \ominus | | [1, 2, 3]

A musical staff in G major with a treble clef. It features a sequence of eighth and sixteenth notes, including grace notes. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 11, 12, 13, 9, 10. Staff B has notes at 8, 9, 12, 12.

|○| | | | |○|○| [1, 3, 2, 1]

Treble clef, 12 measures. Fingerings: 8, 12, 11-13-12, 11-8, 10-9, 8.

|○| | | | |○|○| [1, 2, 3, 1]

Treble clef, 12 measures. Fingerings: 8, 12, 11-12-13, 11-8, 9-10, 8.

|○| | | | |○|○| [1, 2, 3, 2]

Treble clef, 12 measures. Fingerings: 8, 12, 11-12-13-12, 8, 9-10-9.

|○| | | | |○|○| [1, 3, 2, 3]

Treble clef, 12 measures. Fingerings: 8, 12, 11-13-12-13, 8, 10-9-10.

| Θ | — | — | Θ | — | Θ | [1, 3, 2]

| Θ | — | — | Θ | — | Θ | [1, 2, 3]

| Θ | — | — | Θ | — | Θ | [1, 3, 2, 1]

| Θ | — | — | Θ | — | Θ | [1, 2, 3, 1]

|○| + | | ○| + ○| [1, 2, 3, 2]

|○| + | | ○| + ○| [1, 3, 2, 3]

|○| + |○| + ○| [1, 3, 2]

|○| + |○| + ○| [1, 2, 3]

|○| |○| |○| [1, 3, 2, 1]

A musical staff in G major with a treble clef. It features a series of grace notes followed by a main melody. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 12, 11-10, 11, 12-10, 11, 11-8, 9, 11-8. Staff B has notes at 8, 11-8, 12, 12.

|○| |○| |○| [1, 2, 3, 1]

A musical staff in G major with a treble clef. It features a series of grace notes followed by a main melody. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 12, 11-10, 11, 10-12, 11, 11-8-11, 9, 8. Staff B has notes at 8, 11-8, 12, 12.

|○| |○| |○| [1, 2, 3, 2]

A musical staff in G major with a treble clef. It features a series of grace notes followed by a main melody. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 12, 10-12-10, 11, 10-12-10, 11, 8-11-11, 9. Staff B has notes at 8, 11-11, 12, 10-12-10.

|○| |○| |○| [1, 3, 2, 3]

A musical staff in G major with a treble clef. It features a series of grace notes followed by a main melody. Below the staff is a bass staff with two staves labeled A and B. Staff A has notes at 8, 12, 12-10-12, 11, 12-10-12, 11, 8-11-11, 9, 9. Staff B has notes at 8, 11-12, 12-10-12.

|○| + |○|○| + | [1, 3, 2]

Treble staff: Sixteenth-note pattern.

Bass staff (A): Notes at 11-10, 11, 8-12-11.

Bass staff (B): Notes at 12, 11-10, 8-12-11.

|○| + |○|○| + | [1, 2, 3]

Treble staff: Sixteenth-note pattern.

Bass staff (A): Notes at 10-11, 11, 8-11-12.

Bass staff (B): Notes at 12, 10-11, 8-11-12.

|○| + |○|○| + | [1, 3, 2, 1]

Treble staff: Sixteenth-note pattern.

Bass staff (A): Notes at 11-10, 11, 11-8, 12-11-8.

Bass staff (B): Notes at 12, 11-10, 12, 12.

|○| + |○|○| + | [1, 2, 3, 1]

Treble staff: Sixteenth-note pattern.

Bass staff (A): Notes at 10-11, 11, 11-8, 11-12-8.

Bass staff (B): Notes at 12, 10-11, 12, 12.

|○| + |○|○| + | [1, 2, 3, 2]

A musical staff in treble clef with a bass staff below it. The treble staff has a pattern of eighth and sixteenth notes. The bass staff has fingerings for a 12-fret guitar: A string 8-11-12-11, B string 12, G string 10-11-10, D string 11, C string 10-11-10, and E string 8-11-12-11.

|○| + |○|○| + | [1, 3, 2, 3]

A musical staff in treble clef with a bass staff below it. The treble staff has a pattern of eighth and sixteenth notes. The bass staff has fingerings for a 12-fret guitar: A string 8-12-11-12, B string 12, G string 11-10-11, D string 11, C string 11-10-11, and E string 8-12-11-12.

|○| + |○| + | + |○| [1, 3, 2]

A musical staff in treble clef with a bass staff below it. The treble staff has a pattern of eighth and sixteenth notes. The bass staff has fingerings for a 12-fret guitar: A string 8-9, B string 10, G string 9-12, D string 9, C string 11, and E string 8-13-9-10.

|○| + |○| + | + |○| [1, 2, 3]

A musical staff in treble clef with a bass staff below it. The treble staff has a pattern of eighth and sixteenth notes. The bass staff has fingerings for a 12-fret guitar: A string 8-10, B string 9-12, G string 9, D string 8-11, C string 9-13, and E string 8-10.

|○| |○| | | |○| [1, 3, 2, 1]

Musical staff: Treble clef, 4/4 time. Melodic line consists of eighth and sixteenth notes.

Bass staff: Two strings labeled A and B. Fingerings: A string 8, 9; B string 10, 8. Stroke order: 8, 9, 11, 13-9, 11-8, 10, 8.

|○| |○| | | |○| [1, 2, 3, 1]

Musical staff: Treble clef, 4/4 time. Melodic line consists of eighth and sixteenth notes.

Bass staff: Two strings labeled A and B. Fingerings: A string 8, 9; B string 10, 8. Stroke order: 8, 9, 11, 9-13, 11-8, 10, 8.

|○| |○| | | |○| [1, 2, 3, 2]

Musical staff: Treble clef, 4/4 time. Melodic line consists of eighth and sixteenth notes.

Bass staff: Two strings labeled A and B. Fingerings: A string 8, 9; B string 10, 10. Stroke order: 8, 9, 11, 9-13-9, 8-10, 10.

|○| |○| | | |○| [1, 3, 2, 3]

Musical staff: Treble clef, 4/4 time. Melodic line consists of eighth and sixteenth notes.

Bass staff: Two strings labeled A and B. Fingerings: A string 8, 9; B string 10, 12. Stroke order: 8, 8, 11, 13-9-13, 8, 10, 10.

|○| |○| | |○| [1, 3, 2]

A musical staff in treble clef. The notes are: eighth note, sixteenth note, eighth note. Below the staff, the fingerings are: 8-10, 12-9, 11-12-9-8-10.

|○| |○| | |○| [1, 2, 3]

A musical staff in treble clef. The notes are: eighth note, sixteenth note, eighth note. Below the staff, the fingerings are: 8-10, 9-12, 11-9-12-8-10-9.

|○| |○| | |○| [1, 3, 2, 1]

A musical staff in treble clef. The notes are: eighth note, sixteenth note, eighth note. Below the staff, the fingerings are: 8-10-8, 12-9, 11-12-9-11-8-10-8.

|○| |○| | |○| [1, 2, 3, 1]

A musical staff in treble clef. The notes are: eighth note, sixteenth note, eighth note. Below the staff, the fingerings are: 8-10-8, 9-12, 11-9-12-11-8-10-9-8.

|○| |○| | |○| | [1, 2, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. The first set (A) has markers at 9-12-9, 11, 9-12-9, 8-10-10. The second set (B) has markers at 8-10, 12, 8-10.

|○| |○| | |○| | [1, 3, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. The first set (A) has markers at 12-9-12, 11, 12-9-12, 8-10, 9. The second set (B) has markers at 8, 10, 8-12.

|○| |○|○| | | | [1, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. The first set (A) has markers at 10-9, 11, 10-9, 8-11-10. The second set (B) has markers at 12, 8-11-10.

|○| |○|○| | | | [1, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. The first set (A) has markers at 9-10, 11, 9-10, 8-10-11. The second set (B) has markers at 12, 8-10-11.

$$|\bullet| \quad |\circ| \quad |\circ| \quad | \quad | \quad | \quad [1, 3, 2, 1]$$

The musical score consists of two staves. The top staff is in treble clef and features a sixteenth-note pattern starting with a dotted half note followed by a sixteenth-note group. The bottom staff is in bass clef and shows a continuous eighth-note pattern. Below the bass staff is a tablature staff with six horizontal lines representing the strings. The tablature includes note heads and vertical stems, with specific fingering indicated by numbers above or below the notes: '8-10-11-8' over the first four strings, '12' under the fifth string, '12' under the sixth string, '11' over the fifth string, '11' over the sixth string, '9-10' over the fifth string, '11' over the sixth string, '8-10-11-8' over the last four strings, and '9-10' over the fifth string.

$$|\bullet| \quad |\circ| \quad |\circ| \quad | \quad | \quad | \quad [1, 2, 3, 2]$$

| Θ | Θ | — | — | — | Θ [1, 3, 2]

T
A
B

8 11 13 12 8 9
9 12

| Θ | Θ | — | — | — | Θ [1, 2, 3]

T
A
B

8 11 12 13 8 9
9 12

| Θ | Θ | — | — | — | Θ [1, 3, 2, 1]

T
A
B

8 11 13 12 11 8
9 8 12 12

| Θ | Θ | — | — | — | Θ [1, 2, 3, 1]

T
A
B

8 11 12 13 11 8
9 8 12 12

| \ominus | \ominus | | | | | \ominus | [1, 2, 3, 2]

A musical staff in treble clef with a key signature of one sharp (F#). The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the bass notes: 8-9-12 for staff A, and 8-9 for staff B.

| \ominus | \ominus | | | | | \ominus | [1, 3, 2, 3]

A musical staff in treble clef with a key signature of one sharp (F#). The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the bass notes: 8-9-12 for staff A, and 8-9 for staff B.

| \ominus | \ominus | | | \ominus | | [1, 3, 2]

A musical staff in treble clef with a key signature of one sharp (F#). The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the bass notes: 8-12-9 for staff A, and 11-8 for staff B.

| \ominus | \ominus | | | \ominus | | [1, 2, 3]

A musical staff in treble clef with a key signature of one sharp (F#). The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the bass notes: 8-9-12 for staff A, and 11-12-8-9-12 for staff B.

|○|○| + |○| + | | [1, 3, 2, 1]

Treble clef, 12-fret staff. Fingerings: 11-8, 11-12, 12-11, 8-12, 9-8.

|○|○| + |○| + | | [1, 2, 3, 1]

Treble clef, 12-fret staff. Fingerings: 8-11, 11-12, 11-8, 9-12, 8.

|○|○| + |○| + | | [1, 2, 3, 2]

Treble clef, 12-fret staff. Fingerings: 8-11-8, 11-12, 12-8, 9-12-9.

|○|○| + |○| + | | [1, 3, 2, 3]

Treble clef, 12-fret staff. Fingerings: 11-8-11, 11-12, 11, 8-12-9-12.

|○|○| |○| + + | [1, 3, 2]

|○|○| |○| + + | [1, 2, 3]

|○|○| |○| + + | [1, 3, 2, 1]

|○|○| |○| + + | [1, 2, 3, 1]

|○|○| |○| | | | [1, 2, 3, 2]

Treble clef staff: Eighth-note patterns.

Bass staff (Fingerings):
 A: 8-10-8
 B: 12-11-12-10-11-9

|○|○| |○| | | | [1, 3, 2, 3]

Treble clef staff: Eighth-note patterns.

Bass staff (Fingerings):
 A: 10-8-10-11-12-10-10
 B: 12-11-9-11

|○| | |○| |○|○| [1, 3, 4, 2]

Treble clef staff: Eighth-note patterns.

Bass staff (Fingerings):
 A: 8-11-12-10-11-12-13-10-8-9-10
 B: 8-9-11-12

|○| | |○| |○|○| [1, 4, 3, 2]

Treble clef staff: Eighth-note patterns.

Bass staff (Fingerings):
 A: 8-11-12-10-13-12-10-8-10-9
 B: 8-9-8-11-12

|○| |○| |○|○| [1, 4, 2, 3]

A musical staff in G major (one sharp) with a treble clef. The notes are eighth-note patterns: the first measure has a single note, the second has two notes, the third has three notes, and the fourth has four notes. Below the staff, there are two sets of fingerings labeled A and B. Set A shows 8-10-12-11, 13-10-12, 8-10, and 11-9. Set B shows 9-11, 8-12, 10-12, and 8-11.

|○| |○| |○|○| [1, 2, 4, 3]

A musical staff in G major (one sharp) with a treble clef. The notes are eighth-note patterns: the first measure has a single note, the second has two notes, the third has three notes, and the fourth has four notes. Below the staff, there are two sets of fingerings labeled A and B. Set A shows 8-11, 10-13-12, 8-11, and 10-9. Set B shows 9-11, 8-12, 10-12, and 8-11.

|○| |○| |○|○| [1, 3, 2, 4]

A musical staff in G major (one sharp) with a treble clef. The notes are eighth-note patterns: the first measure has a single note, the second has two notes, the third has three notes, and the fourth has four notes. Below the staff, there are two sets of fingerings labeled A and B. Set A shows 8-11, 12-10-13, 8-11, and 9-10. Set B shows 8-11, 9-12, 12-10, and 8-11.

|○| |○| |○|○| [1, 2, 3, 4]

A musical staff in G major (one sharp) with a treble clef. The notes are eighth-note patterns: the first measure has a single note, the second has two notes, the third has three notes, and the fourth has four notes. Below the staff, there are two sets of fingerings labeled A and B. Set A shows 8-11, 10-12-13, 8-11, and 9-10. Set B shows 8-11, 9-12, 10-12, and 8-11.

|○| |○|○| |○| [1, 3, 4, 2]

A musical staff in G clef with a treble clef. The melody consists of eighth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-12, 9-11, 12-11, 11-10, 10-13-11, 8-12, 10-11, 11-10, 13-11-10, 8-12-11, 10-11, 12-11, 11-10, 10-13-11, 8-12, 10-11, 11-10, 13-11-10, 8-12-11.

|○| |○|○| |○| [1, 4, 3, 2]

A musical staff in G clef with a treble clef. The melody consists of eighth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-12, 9-11, 12-11, 11-10, 10-13-11, 8-12-11, 10-11, 12-11, 11-10, 10-13-11, 8-12-11, 10-11, 12-11, 11-10, 10-13-11, 8-12-11.

|○| |○|○| |○| [1, 4, 2, 3]

A musical staff in G clef with a treble clef. The melody consists of eighth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-12, 9-11, 12-11, 11-10, 10-13-11, 8-12-11, 10-11, 12-11, 11-10, 10-13-11, 8-12-11, 10-11, 12-11, 11-10, 10-13-11, 8-12-11.

|○| |○|○| |○| [1, 2, 4, 3]

A musical staff in G clef with a treble clef. The melody consists of eighth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-11, 9-12, 10-11, 11-10, 10-13-11, 8-11, 12-11, 11-10, 10-13-11, 8-11, 12-11, 11-10, 10-13-11, 8-11, 12-11.

|○| |○○| |○| [1, 3, 2, 4]

A musical staff in treble clef. The notes are: A, B, C, D, E, F, G, A. Below the staff, the notes are labeled with intervals: 8-11, 11-10, 11-10-13, 8-12-11, 10. The bass staff shows: A, B, C, D, E, F, G, A. Below the bass staff, the notes are labeled with intervals: 8-12-11, 9-12, 11-10.

|○| |○○| |○| [1, 2, 3, 4]

A musical staff in treble clef. The notes are: A, B, C, D, E, F, G, A. Below the staff, the notes are labeled with intervals: 10-11-13, 8-11, 8-11-12, 10. The bass staff shows: A, B, C, D, E, F, G, A. Below the bass staff, the notes are labeled with intervals: 8-11-12, 9-12, 10-11.

|○| |○| |○○| [1, 3, 4, 2]

A musical staff in treble clef. The notes are: A, B, C, D, E, F, G, A. Below the staff, the notes are labeled with intervals: 12-13-9, 8-10, 9-10. The bass staff shows: A, B, C, D, E, F, G, A. Below the bass staff, the notes are labeled with intervals: 8-9-10, 12-9.

|○| |○| |○○| [1, 4, 3, 2]

A musical staff in treble clef. The notes are: A, B, C, D, E, F, G, A. Below the staff, the notes are labeled with intervals: 13-12-9, 8-10, 9-10. The bass staff shows: A, B, C, D, E, F, G, A. Below the bass staff, the notes are labeled with intervals: 8-9-8-10, 12-9.

| Θ | Θ | | $\Theta|\Theta$ [1, 4, 2, 3]

A musical staff in G clef with a treble clef. It features a series of eighth-note grace notes followed by sixteenth-note pairs. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the strings: 8-9, 8-12, 9-12, 11-13, 9-12, 8-10, 10-9.

| Θ | Θ | | $\Theta|\Theta$ [1, 2, 4, 3]

A musical staff in G clef with a treble clef. It features a series of eighth-note grace notes followed by sixteenth-note pairs. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the strings: 8-10, 9-8, 12-9, 8-12, 11-13, 12-13, 8-10, 10-9.

| Θ | Θ | | $\Theta|\Theta$ [1, 3, 2, 4]

A musical staff in G clef with a treble clef. It features a series of eighth-note grace notes followed by sixteenth-note pairs. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the strings: 8-10, 8-9, 12-9, 12-9, 8-11, 12-9, 8-13, 9-10.

| Θ | Θ | | $\Theta|\Theta$ [1, 2, 3, 4]

A musical staff in G clef with a treble clef. It features a series of eighth-note grace notes followed by sixteenth-note pairs. Below it is a bass staff with two staves labeled A and B. Fingerings are indicated above the strings: 8-10, 8-9, 12-9, 9-12, 8-11, 9-12, 9-13, 8-10, 9-10.

|○| |○|○| | |○| [1, 3, 4, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-octave fingerboard diagram for a guitar neck. The strings are labeled A (top) and B (bottom). Fret numbers are indicated above the strings: 8, 10, 9, 11, 10, 10. Below the strings, note names are given: 8-11-10, 12, 9, 10, 8-11-10.

|○| |○|○| | |○| [1, 4, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-octave fingerboard diagram for a guitar neck. The strings are labeled A (top) and B (bottom). Fret numbers are indicated above the strings: 8, 10, 9, 11, 10, 10. Below the strings, note names are given: 8-9, 11-10, 12, 8-11-10.

|○| |○|○| | |○| [1, 4, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-octave fingerboard diagram for a guitar neck. The strings are labeled A (top) and B (bottom). Fret numbers are indicated above the strings: 8, 10, 9-10, 11, 13-9-10, 10. Below the strings, note names are given: 8-10-11, 12, 9, 10-11.

|○| |○|○| | |○| [1, 2, 4, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-octave fingerboard diagram for a guitar neck. The strings are labeled A (top) and B (bottom). Fret numbers are indicated above the strings: 8, 10, 9, 11, 9-13-10, 10, 8-10-11. Below the strings, note names are given: 8-10, 11, 9, 12, 9, 10.

|○| |○|○| | |○| [1, 3, 2, 4]

T
A
B
8-11-10

10-9
8-11
10-9-13
8-11-10
9-12
8-11-10

|○| |○|○| | |○| [1, 2, 3, 4]

T
A
B
8-10-11

9-10-13
8-11
9-10-13
8-10-11
9-12
8-10-11

|○| |○|○| |○| [1, 3, 4, 2]

T
A
B
8-11-10

10-12-9
11
8-11
9-10
10-12-9
8-11-10

|○| |○|○| |○| [1, 4, 3, 2]

T
A
B
8-11-10

12-10-9
11
8-9
11-10
12-10-9
8-11-10

|○| |○|○| |○| | [1, 4, 2, 3]

|○| |○|○| |○| | [1, 2, 4, 3]

|○| |○|○| |○| | [1, 3, 2, 4]

|○| |○|○| |○| | [1, 2, 3, 4]

|○|○| |○| |○| [1, 3, 4, 2]

A musical staff with a treble clef and a guitar tablature below it. The tablature shows two strings (A and B) with note positions indicated by numbers: A string has notes at 9, 12, 11, 8, 11, 13, 12, 8, 12, 10; B string has notes at 8, 12, 9, 12, 11, 8, 11, 13, 12, 8, 12, 9.

|○|○| |○| |○| [1, 4, 3, 2]

A musical staff with a treble clef and a guitar tablature below it. The tablature shows two strings (A and B) with note positions indicated by numbers: A string has notes at 8, 11, 8, 11, 13, 11, 12, 8, 12, 10; B string has notes at 8, 12, 9, 12, 11, 8, 11, 13, 11, 12, 8, 12, 9.

|○|○| |○| |○| [1, 4, 2, 3]

A musical staff with a treble clef and a guitar tablature below it. The tablature shows two strings (A and B) with note positions indicated by numbers: A string has notes at 8, 11, 13, 12, 11, 10; B string has notes at 8, 9, 12, 11, 12, 9, 12.

|○|○| |○| |○| [1, 2, 4, 3]

A musical staff with a treble clef and a guitar tablature below it. The tablature shows two strings (A and B) with note positions indicated by numbers: A string has notes at 8, 11, 13, 12, 11, 10; B string has notes at 8, 9, 12, 8, 11, 11, 12, 13, 11, 8, 9, 12.

|○|○| |○| |○| [1, 3, 2, 4]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-line bass staff labeled A and B, with note positions numbered 1 through 13.

T												
A		11	8	8	11	11	12	13	8	12	9	10
B		9	12	8	11							
		8	12	9								

|○|○| |○| |○| [1, 2, 3, 4]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-line bass staff labeled A and B, with note positions numbered 8 through 13.

T												
A												
B		8	11	8	11	12	11	13	8	9	12	10
		8	9	12								

|○|○| |○| |○| [1, 3, 4, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-line bass staff labeled A and B, with note positions numbered 8 through 13.

T												
A												
B		8	11	8	10	11	13	12	8	11	9	10
		8	11	9	12							

|○|○| |○| |○| [1, 4, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a two-line bass staff labeled A and B, with note positions numbered 8 through 13.

T												
A												
B		8	11	8	10	11	13	10	12	8	11	9
		8	11	9	12							

|○|○| |○| | |○| [1, 4, 2, 3]

A musical staff in G major with a treble clef. It features a sixteenth-note pattern: a eighth-note followed by a sixteenth-note triplet, then a sixteenth-note followed by a sixteenth-note triplet. Below it is a guitar tab with two staves labeled A and B. The tab shows fingerings: 8, 8-10, 11-13, 12-10, 8-10, 9-11.

|○|○| |○| | |○| [1, 2, 4, 3]

A musical staff in G major with a treble clef. It features a sixteenth-note pattern: a eighth-note followed by a sixteenth-note triplet, then a sixteenth-note followed by a sixteenth-note triplet. Below it is a guitar tab with two staves labeled A and B. The tab shows fingerings: 8, 8-10, 11-12, 13-10, 8-9, 10-11.

|○|○| |○| | |○| [1, 3, 2, 4]

A musical staff in G major with a treble clef. It features a sixteenth-note pattern: a eighth-note followed by a sixteenth-note triplet, then a sixteenth-note followed by a sixteenth-note triplet. Below it is a guitar tab with two staves labeled A and B. The tab shows fingerings: 8-11-9, 9-12, 10-8, 8-11-12, 10-13, 8-11-9, 10.

|○|○| |○| | |○| [1, 2, 3, 4]

A musical staff in G major with a treble clef. It features a sixteenth-note pattern: a eighth-note followed by a sixteenth-note triplet, then a sixteenth-note followed by a sixteenth-note triplet. Below it is a guitar tab with two staves labeled A and B. The tab shows fingerings: 8-9-11, 9-12, 8-10, 8-11-12, 10-13, 8-9-11, 10.

$$\begin{array}{|c|c|} \hline \textcircled{1} & \textcircled{2} \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline \textcircled{3} & \textcircled{4} \\ \hline \end{array} \quad \boxed{\quad} \quad [1, 3, 4, 2]$$

A musical score for a brass instrument, likely tuba or bassoon. The top staff uses a treble clef and shows a sequence of notes starting with a dotted half note followed by eighth notes. The bottom staff uses a bass clef and shows a sequence of notes starting with a quarter note followed by eighth notes. The bass staff also includes a bass staff line with note heads and stems.

$$\begin{array}{c|c|c|c|c} \textcircled{1} & \textcircled{2} & | & \textcircled{3} & \textcircled{4} \\ \hline & & | & & \end{array} \quad [1, 4, 3, 2]$$

The musical score consists of three staves. The top staff uses a treble clef and shows a sequence of notes starting with a dotted half note followed by a series of sixteenth notes. The middle staff uses a bass clef and has a similar pattern of sixteenth notes. The bottom staff also has a bass clef and includes numerical markings below the notes: '8-12-11-9' under the first group, '12' under the second group, '11-10-8' under the third group, and '11-10' under the fourth group.

The musical score consists of two staves. The top staff is for the guitar, showing a melodic line with various note heads and stems. The bottom staff shows a harmonic progression with labels for chords: 'F' at the beginning, followed by 'A' and 'B'. Below the staff, a sequence of numbers indicates the fingerings for the chords: 8-12-9-11 for F, 11-8-10 for A, and 12-11-10-8-12-9-11 for B.

A musical score for the first section of "The Star-Spangled Banner". The top staff shows a treble clef and a key signature of one sharp. The melody consists of eighth-note patterns. The bottom staff shows a bass clef and a key signature of one sharp. It includes a bass clef, a treble clef, and a bass clef, indicating a basso continuo part. Below the staff, a harmonic progression is written: 8-9-12-11, 12, 8-11-10, 11-12, 11-10, 8-9-12-11.

|○|○| |○|○| + | [1, 3, 2, 4]

Treble clef, 12 measures. Fingerings: A10-8-11, A11-12, B8-11-9-12.

|○|○| |○|○| + | [1, 2, 3, 4]

Treble clef, 12 measures. Fingerings: A8-10-11, A11-12, A10-11, B8-9-11-12.

6.2 Minor Third

|○| + | + | + |○| + | [1, 2, 1]

Treble clef, 12 measures. Fingerings: A8-11-11-9, A9-12, A10-10, B8-11-11.

|○| + | + | + |○| + | [1, 2, 1]

Treble clef, 12 measures. Fingerings: A10-9-8-11-11-12, A10-10, A9-8-12-8-11-11-10, B8-12-8-11-11.

| Θ | Θ | + + + [1, 2, 1]

$\begin{matrix} & & \\ \text{A} & \text{B} & \end{matrix}$

8-10-8-11-11 9-11-9-12-12 | 10-12-10-8-10-8-11-9-11-10-12-10

| Θ | Θ | + + + [1, 2, 1]

$\begin{matrix} & & \\ \text{A} & \text{B} & \end{matrix}$

8-9-8-11-12-11-9-10-9-12-12 | 10-11-10-8-9-8-11-12-11-10-11-10

| Θ | + + | Θ | Θ | [1, 3, 2]

$\begin{matrix} & & \\ \text{A} & \text{B} & \end{matrix}$

8-9-8-12-11-9-10-9-12-12 | 10-11-8-10-9-11-13-12-10-11-10

| Θ | + + | Θ | Θ | [1, 2, 3]

$\begin{matrix} & & \\ \text{A} & \text{B} & \end{matrix}$

8-8-9-11-12-9-9-10-12-12 | 10-10-11-8-9-10-12-13-10-11-10-11

|○| | | | |○|○| [1, 3, 2, 1]

A musical score for a six-string guitar. The top staff shows a treble clef and a series of eighth-note chords or patterns. The bottom staff shows two sets of fingerings: A (index, middle, ring, pinky) and B (index, middle, ring, index). Fingerings are placed below each string. The first set of fingerings (A) starts at the 8th fret and includes 9, 8, 12, 11, 9, 10-9, 9-12, 12. The second set (B) starts at the 10th fret and includes 11-10, 10, 8, 10-9, 8-11, 13-12, 10, 11. The right side of the page shows a sequence of numbers: 11-10, 10-9, 8-11, 13-12, 10-10.

|○| | | | |○|○| [1, 2, 3, 1]

A musical score for a six-string guitar. The top staff shows a treble clef and a series of eighth-note chords or patterns. The bottom staff shows two sets of fingerings: A (index, middle, ring, pinky) and B (index, middle, ring, index). Fingerings are placed below each string. The first set of fingerings (A) starts at the 8th fret and includes 9, 10-11, 12, 8. The second set (B) starts at the 10th fret and includes 10-11, 10, 8, 9-10, 8-11, 12-13, 10, 11. The right side of the page shows a sequence of numbers: 10-11, 10-11, 8, 9-10, 8-11, 12-13, 10-10.

|○| | | | |○|○| [1, 2, 3, 2]

A musical score for a six-string guitar. The top staff shows a treble clef and a series of eighth-note chords or patterns. The bottom staff shows two sets of fingerings: A (index, middle, ring, pinky) and B (index, middle, ring, index). Fingerings are placed below each string. The first set of fingerings (A) starts at the 8th fret and includes 10-11-10. The second set (B) starts at the 10th fret and includes 10-11-10-8, 9-10-9, 12-13-12-10. The right side of the page shows a sequence of numbers: 10-11-10.

|○| | | | |○|○| [1, 3, 2, 3]

A musical score for a six-string guitar. The top staff shows a treble clef and a series of eighth-note chords or patterns. The bottom staff shows two sets of fingerings: A (index, middle, ring, pinky) and B (index, middle, ring, index). Fingerings are placed below each string. The first set of fingerings (A) starts at the 8th fret and includes 11-10-11. The second set (B) starts at the 10th fret and includes 10-9-10, 13-12-13-10. The right side of the page shows a sequence of numbers: 11-10-11.

|Θ| | | | Θ| |Θ| [1, 3, 2]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a quarter note followed by eighth-note pairs. The second measure starts with a quarter note followed by eighth-note pairs. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 9, 12-11, 12-10-9, 10-8, 11
- Measure 2: 10, 11-9, 8, 10, 12-11, 13-11-10, 11-9

|Θ| | | | Θ| |Θ| [1, 2, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a quarter note followed by eighth-note pairs. The second measure starts with a quarter note followed by eighth-note pairs. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 9, 10-12-9, 8-10, 11
- Measure 2: 10, 9, 11-8-12, 10, 11-13-10, 9-11

|Θ| | | | Θ| |Θ| [1, 3, 2, 1]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a quarter note followed by eighth-note pairs. The second measure starts with a quarter note followed by eighth-note pairs. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 9, 12-8-11, 12-10, 9, 10-8, 11
- Measure 2: 10, 11-9, 8, 10, 12-8-11, 13-11-10, 11-10, 11-9

|Θ| | | | Θ| |Θ| [1, 2, 3, 1]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a quarter note followed by eighth-note pairs. The second measure starts with a quarter note followed by eighth-note pairs. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 8-12, 9, 8-11, 10-12, 11, 9, 8-10, 9-12, 11, 12
- Measure 2: 10, 9-11, 10, 8-12, 10, 11-13-10, 10, 9-11, 10

|○| | | |○| |○| [1, 2, 3, 2]

Guitar tablature for the first pattern. The top staff shows a melodic line with sixteenth-note strokes. The bottom staff shows the corresponding fingerings for the A and B strings. The fingerings are: 8-12, 9-12, 10-12, 10-9, 8-10-8, 12-11, 11-10, 9-11-9, 8-12, 10-12-11, 11-13-11-10.

|○| | | |○| |○| [1, 3, 2, 3]

Guitar tablature for the second pattern. The top staff shows a melodic line with sixteenth-note strokes. The bottom staff shows the corresponding fingerings for the A and B strings. The fingerings are: 8-12, 9-12, 10-12, 10-9, 10-8-10, 12-11, 11-10, 11-9-11-8, 10-12-11, 13-11-13-10, 11-9-11.

|○| | | |○| |○| [1, 2, 3]

Guitar tablature for the third pattern. The top staff shows a melodic line with sixteenth-note strokes. The bottom staff shows the corresponding fingerings for the A and B strings. The fingerings are: 8-11, 11-10, 9-11-9-12, 12-10-12, 10-11-10, 8-10-8-11, 11-10, 9-10-12-10-13.

|○| | | |○| |○| [1, 3, 2, 1]

Guitar tablature for the fourth pattern. The top staff shows a melodic line with sixteenth-note strokes. The bottom staff shows the corresponding fingerings for the A and B strings. The fingerings are: 8-11-8-11, 11-9-9-12, 12-10-12, 10-11-10, 10-8-10, 8-9, 11-8-11, 12-10-11, 10-13-10.

|○| |○| |○| [1, 2, 3, 1]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a half note followed by a whole note. The second measure starts with a half note followed by a whole note. Fingerings below the staff indicate the sequence: 8-11, 8-11, 9-11, 11, 9-12, 9-12, 12.

|○| |○| |○| [1, 3, 2, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a half note followed by a whole note. The second measure starts with a half note followed by a whole note. Fingerings below the staff indicate the sequence: 8, 8, 11-9-11-9, 9-12, 12.

|○| |○| |○| [1, 2, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a half note followed by a whole note. The second measure starts with a half note followed by a whole note. Fingerings below the staff indicate the sequence: 8-11-12-11, 9-10-9-12, 8-12.

|○| |○| |○| [1, 3, 2, 1]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures. The first measure starts with a half note followed by a whole note. The second measure starts with a half note followed by a whole note. Fingerings below the staff indicate the sequence: 8-12-11-8-11, 10-9-9, 8-12-9-12, 11-10, 12.

| Θ —| | Θ | Θ —| [1, 2, 3, 1]

Sheet music for the first pattern. The top staff shows a treble clef and a sixteenth-note scale. The bottom staff shows two staves labeled A and B. Staff A has notes at 8, 9, 10, 11, 12, 12. Staff B has notes at 8, 11, 12, 8, 11, 11. The right side of the music is divided into measures by vertical lines.

| Θ —| | Θ | Θ —| [1, 3, 2, 3]

Sheet music for the second pattern. The top staff shows a treble clef and a sixteenth-note scale. The bottom staff shows two staves labeled A and B. Staff A has notes at 9, 8, 9, 8, 12, 11, 12, 11. Staff B has notes at 8, 12, 11, 12, 11, 10, 9, 10, 9, 12, 12. The right side of the music is divided into measures by vertical lines.

| Θ —| | Θ —| | Θ —| [1, 3, 2]

Sheet music for the third pattern. The top staff shows a treble clef and a sixteenth-note scale. The bottom staff shows two staves labeled A and B. Staff A has notes at 10, 11, 8, 10, 11, 12, 10, 11, 13, 9, 10, 12. Staff B has notes at 8, 10, 11, 12, 8, 9, 10, 11, 12. The right side of the music is divided into measures by vertical lines.

| Θ —| | Θ —| | Θ —| [1, 2, 3]

Sheet music for the fourth pattern. The top staff shows a treble clef and a sixteenth-note scale. The bottom staff shows two staves labeled A and B. Staff A has notes at 11, 10, 8, 10, 11, 12, 10, 11, 9, 13, 10, 12. Staff B has notes at 8, 10, 9, 11, 8, 12, 9, 11, 10, 12. The right side of the music is divided into measures by vertical lines.

|○| |○| | | |○| [1, 3, 2, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a continuous eighth-note bass line with fingerings: A (8), B (9), 10-8-11-12-9-10-11-12-10-11-12-11-10-12-10.

|○| |○| | | |○| [1, 2, 3, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a continuous eighth-note bass line with fingerings: A (8), B (9), 10-8-11-12-9-11-10-9-12-11-12-10-11-12-10-11-10-12-10.

|○| |○| | | |○| [1, 2, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a continuous eighth-note bass line with fingerings: A (8), B (9), 10-8-11-12-8-9-11-10-11-12-9-10-11-12-11-10-12-11-12.

|○| |○| | | |○| [1, 3, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a continuous eighth-note bass line with fingerings: A (8), B (9), 10-9-11-12-8-12-9-10-11-12-8-9-10-11-12-10-11-12-11.

|○| |○| | |○| [1, 3, 2]

|○| |○| | |○| [1, 2, 3]

|○| |○| | |○| [1, 3, 2, 1]

|○| |○| | |○| [1, 2, 3, 1]

| Θ | Θ | | Θ | | [1, 2, 3, 2]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melodic line consists of sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note:
 A: 8-10-11-12
 B: 8-10-11-12
 C: 9-10-11-12
 D: 9-10-11-12
 E: 10-11-12-13
 F: 10-11-12-13
 G: 10-11-12-13
 H: 10-11-12-13
 I: 10-11-12-13
 J: 10-11-12-13
 K: 10-11-12-13
 L: 10-11-12-13
 M: 10-11-12-13
 N: 10-11-12-13
 O: 10-11-12-13
 P: 10-11-12-13
 Q: 10-11-12-13
 R: 10-11-12-13
 S: 10-11-12-13
 T: 10-11-12-13
 U: 10-11-12-13
 V: 10-11-12-13
 W: 10-11-12-13
 X: 10-11-12-13
 Y: 10-11-12-13
 Z: 10-11-12-13

| Θ | Θ | | Θ | | [1, 3, 2, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melodic line consists of sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note:
 A: 8-10-11-12
 B: 8-10-11-12
 C: 9-10-11-12
 D: 9-10-11-12
 E: 10-11-12-13
 F: 10-11-12-13
 G: 10-11-12-13
 H: 10-11-12-13
 I: 10-11-12-13
 J: 10-11-12-13
 K: 10-11-12-13
 L: 10-11-12-13
 M: 10-11-12-13
 N: 10-11-12-13
 O: 10-11-12-13
 P: 10-11-12-13
 Q: 10-11-12-13
 R: 10-11-12-13
 S: 10-11-12-13
 T: 10-11-12-13
 U: 10-11-12-13
 V: 10-11-12-13
 W: 10-11-12-13
 X: 10-11-12-13
 Y: 10-11-12-13
 Z: 10-11-12-13

| Θ | | Θ | Θ | | | | [1, 3, 2]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melodic line consists of sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note:
 A: 8-10-11-12
 B: 8-10-11-12
 C: 9-10-11-12
 D: 9-10-11-12
 E: 10-11-12-13
 F: 10-11-12-13
 G: 10-11-12-13
 H: 10-11-12-13
 I: 10-11-12-13
 J: 10-11-12-13
 K: 10-11-12-13
 L: 10-11-12-13
 M: 10-11-12-13
 N: 10-11-12-13
 O: 10-11-12-13
 P: 10-11-12-13
 Q: 10-11-12-13
 R: 10-11-12-13
 S: 10-11-12-13
 T: 10-11-12-13
 U: 10-11-12-13
 V: 10-11-12-13
 W: 10-11-12-13
 X: 10-11-12-13
 Y: 10-11-12-13
 Z: 10-11-12-13

| Θ | | Θ | Θ | | | | [1, 3, 2, 1]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melodic line consists of sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note:
 A: 8-10-11-12
 B: 8-10-11-12
 C: 9-10-11-12
 D: 9-10-11-12
 E: 10-11-12-13
 F: 10-11-12-13
 G: 10-11-12-13
 H: 10-11-12-13
 I: 10-11-12-13
 J: 10-11-12-13
 K: 10-11-12-13
 L: 10-11-12-13
 M: 10-11-12-13
 N: 10-11-12-13
 O: 10-11-12-13
 P: 10-11-12-13
 Q: 10-11-12-13
 R: 10-11-12-13
 S: 10-11-12-13
 T: 10-11-12-13
 U: 10-11-12-13
 V: 10-11-12-13
 W: 10-11-12-13
 X: 10-11-12-13
 Y: 10-11-12-13
 Z: 10-11-12-13

$$|\bullet| \quad |\circ| \quad |\circ| \quad | \quad | \quad | \quad [1, 2, 3, 1]$$

A musical score for a string instrument, likely a cello or double bass. The top staff uses a treble clef and shows sixteenth-note patterns. The bottom staff uses a bass clef and features a bass staff with tablature below it. The tablature shows fingerings and string indications (A, B, G) for specific notes.

Treble Clef Staff:

Bass Clef Staff:

Tablature (Bass Staff):

```

    8-10-11-8-11---11
    8-9-9-11-12-9-12---12
    9-10-10-12-10
    8-8-10-11-8-11---11
    9-10-10-12-13-10
  
```

$$|\bigcirc| \quad |\bigcirc|\bigcirc| \quad | \quad | \quad | \quad [1, 2, 3, 2]$$

The image shows a musical score for a six-string guitar. The top part is a staff with a treble clef, showing a sequence of notes and rests. The bottom part is a tablature staff with six horizontal lines, where each line represents a string. Below the tablature, there are numerical sequences indicating specific fret positions: 8-10-11-10-11, 8-9-8-9-11-12-11-12, 9-10-9, 10-12, 12, 8, 8-10-11-10-11, and 9-10-9-10-12-13-12.

$$|\ominus| \ominus | - | - | + | \quad [1, 3, 2]$$

A musical score for a six-string guitar. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The melody consists of eighth-note patterns. Fingerings are indicated below the strings: 8-9, 9-11, 12-12, 9-10, 10-12, 8-10, 11-11, 8-10, 9-11, 13-12, 10-11, 11-11.

$\boxed{\textcircled{1}} \boxed{\textcircled{2}} | | | | | \boxed{\textcircled{3}}$ [1, 2, 3]

A musical score for a six-string guitar. The top staff shows a treble clef and a melodic line consisting of eighth and sixteenth notes. The bottom staff shows a bass clef and a harmonic line with notes labeled A, B, and C. Fingerings are indicated below the strings: 8-9, 9, 11-12, 12-9-10, 10-12, 8, 8, 10-11, 11-8, 9, 10, 11-12, 13-10-11, and 11.

|○|○| | | | |○| [1, 3, 2, 1]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a key signature of one sharp (F#). The bottom staff shows a bass clef and a key signature of one sharp (F#). The guitar neck diagram below the staff has two sets of strings labeled A and B. The first set (A) has notes at positions 8, 9, 10, 11, 12, 10, 9, 12, 12, 11. The second set (B) has notes at positions 8, 9, 8, 11, 12, 11, 9, 10, 9, 12, 12. The score consists of four measures of sixteenth-note patterns.

|○|○| | | | |○| [1, 2, 3, 1]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a key signature of one sharp (F#). The bottom staff shows a bass clef and a key signature of one sharp (F#). The guitar neck diagram below the staff has two sets of strings labeled A and B. The first set (A) has notes at positions 8, 9, 10, 11, 12, 9, 10, 9, 12, 12. The second set (B) has notes at positions 8, 9, 8, 11, 12, 11, 10, 11, 12, 11. The score consists of four measures of sixteenth-note patterns.

|○|○| | | | |○| [1, 2, 3, 2]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a key signature of one sharp (F#). The bottom staff shows a bass clef and a key signature of one sharp (F#). The guitar neck diagram below the staff has two sets of strings labeled A and B. The first set (A) has notes at positions 8, 9, 10, 11, 12, 9, 10, 10, 12. The second set (B) has notes at positions 8, 9, 9, 11, 12, 12, 10, 11, 12. The score consists of four measures of sixteenth-note patterns.

|○|○| | | | |○| [1, 3, 2, 3]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a key signature of one sharp (F#). The bottom staff shows a bass clef and a key signature of one sharp (F#). The guitar neck diagram below the staff has two sets of strings labeled A and B. The first set (A) has notes at positions 8, 9, 10, 11, 12, 9, 10, 10, 12. The second set (B) has notes at positions 8, 9, 9, 11, 12, 12, 10, 11, 12. The score consists of four measures of sixteenth-note patterns.

|θ|θ| | |θ| + | [1, 3, 2]

Musical score for the first pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with the left side labeled 'A' and the right side labeled 'B'. Fingerings include: A (8-12-9-11-10-12), B (10-9-10-12-11-12), and a measure with 9 (10-11-8-12-11-12-11-10-11).

|θ|θ| | |θ| + | [1, 2, 3]

Musical score for the second pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with the left side labeled 'A' and the right side labeled 'B'. Fingerings include: A (8-9-10-12-11-12) and B (10-9-10-12-11-12).

|θ|θ| | |θ| + | [1, 3, 2, 1]

Musical score for the third pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with the left side labeled 'A' and the right side labeled 'B'. Fingerings include: A (8-12-9-8-11-12-11) and B (10-9-12-11-12-12).

|θ|θ| | |θ| + | [1, 2, 3, 1]

Musical score for the fourth pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with the left side labeled 'A' and the right side labeled 'B'. Fingerings include: A (8-9-12-8-11-12-11) and B (10-9-10-8-11-12-12).

$$[1, 2, 3, 2]$$

A musical score for a six-string guitar. The top staff shows a melodic line with various note heads and stems. The bottom staff shows the corresponding fingerings for each string, indicated by numbers below the strings. The fingering sequence is: 8-12, 9-12, 11-12, 10-10, 9-8, 10-12, 8-11, 10-11, 9-8, 12-9, 12-11, 11-12, 11-10, 9-11, 9-11.

$$|\bullet| \bullet | \quad |\bullet| \quad | \quad | \quad | \quad [1, 3, 2]$$

The musical score consists of two staves. The top staff is in treble clef and shows a series of eighth-note patterns. The bottom staff is in bass clef and features a bassoon part with sustained notes and a cello part with sixteenth-note patterns. The bassoon part includes a dynamic instruction 'F' and a tempo marking 'A'. The cello part has a bass clef and a tempo marking 'B'. Below the staves, a harmonic analysis is provided, showing Roman numerals and Roman numerals with numbers underneath, indicating harmonic progressions.

The diagram consists of a sequence of vertical bars of increasing height, followed by the list [1, 3, 2, 1]. The bars are represented by vertical lines with horizontal tick marks at their midpoints. The heights of the bars correspond to the values in the list: the first bar is short (height 1), the second is tall (height 3), the third is medium (height 2), and the fourth is short (height 1).

Sheet music for Treble and Bass clefs, measures 1-12. The Treble clef staff shows a continuous eighth-note pattern. The Bass clef staff shows a bass line with notes corresponding to the following tablature:

A	8	11	9	8	11	9	12
B	9	9	12	10	9	12	12

The right side of the staff is divided by a vertical bar line.

|θ|θ| |θ| | | | [1, 2, 3, 1]

Treble staff: A continuous sequence of eighth-note chords.

Bass staff (A): Fret 8, 9, 10, 11, 12, 11.

Bass staff (B): Fret 9, 10, 12, 9, 12, 12.

Fingerings: 8-10, 10-11, 10-11, 10-11-13-10, 11.

|θ|θ| |θ| | | | [1, 2, 3, 2]

Treble staff: A continuous sequence of eighth-note chords.

Bass staff (A): Fret 8, 9, 10, 8, 10-11, 11.

Bass staff (B): Fret 9, 10, 12, 10, 12, 12.

Fingerings: 8-10-8, 10-11, 11, 10-11-13-11, 12.

|θ| | | θ| |θ|θ| [1, 4, 2, 3]

Treble staff: A continuous sequence of eighth-note chords.

Bass staff (A): Fret 9, 8, 12, 9, 11, 9, 10, 9, 12, 12.

Bass staff (B): Fret 10, 11, 8, 10, 8, 10, 11, 11, 10-11-13-10, 13.

Fingerings: 8, 10-12, 10.

|θ| | | θ| |θ|θ| [1, 2, 4, 3]

Treble staff: A continuous sequence of eighth-note chords.

Bass staff (A): Fret 10, 9, 12, 11, 9, 12, 10, 9, 10, 12.

Bass staff (B): Fret 10, 8, 11, 10, 8, 11, 10-9, 11, 10-13-12-10, 13.

Fingerings: 8, 10-12, 10.

|○| |○| |○○| [1, 3, 2, 4]

|○| |○| |○○| [1, 2, 3, 4]

|○| |○○| |○| [1, 4, 2, 3]

|○| |○○| |○| [1, 2, 4, 3]

|○| |○|○| |○| [1, 3, 2, 4]

|○| |○|○| |○| [1, 2, 3, 4]

|○| |○| | |○|○| [1, 3, 4, 2]

|○| |○| | |○|○| [1, 4, 3, 2]

| Θ —| Θ —| | Θ | Θ | [1, 4, 2, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with a quarter note followed by an eighth-note pattern. The second measure continues with an eighth-note pattern. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 8-10, 9-11, 12-8, 11-9, 10-11, 9-12
- Measure 2: 10-11, 12-10, 8-10, 10-10, 9-11, 13-9, 12-10, 11-12

| Θ —| Θ —| | Θ | Θ | [1, 2, 4, 3]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with a quarter note followed by an eighth-note pattern. The second measure continues with an eighth-note pattern. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 8-10, 9-8, 8-12, 11-9, 10-9, 9-12
- Measure 2: 10-12, 11-10, 8-10, 10-9, 11-13, 12-10, 12-11

| Θ —| Θ —| | Θ | Θ | [1, 3, 2, 4]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with a quarter note followed by an eighth-note pattern. The second measure continues with an eighth-note pattern. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 8-10, 9-11, 11-8, 12-9, 9-10, 12-9
- Measure 2: 10-12, 10-11, 8-9, 10-10, 11-12, 9-13, 10-11

| Θ —| Θ —| | Θ | Θ | [1, 2, 3, 4]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with a quarter note followed by an eighth-note pattern. The second measure continues with an eighth-note pattern. Fingerings below the staff indicate specific fingerings for each note.

Fingerings:

- Measure 1: 8-10, 8-9, 11-8, 12-9, 9-10, 9-12
- Measure 2: 10-12, 10-11, 8-10, 9-10, 11-9, 12-13, 10-11

$\boxed{\textcircled{1}} \quad \boxed{\textcircled{2} \textcircled{3}} \quad \boxed{\textcircled{4}} \quad [1, 3, 4, 2]$

The image shows a musical score for a six-string guitar. The top staff is a treble clef staff with a key signature of one sharp (F#). The bottom staff is a bass clef staff with a key signature of one sharp (F#). The guitar's neck is shown below the staffs, with fret numbers 8 through 12 indicated above the strings. Fingerings are written below the strings: the first measure has 8-11-10-11; the second measure has 9-12-8-9-12-11-12; the third measure has 10-11-10-9-10; the fourth measure has 8-11-12-10-11-10-13; the fifth measure has 9-10-13-12; and the sixth measure has 11. The notes in the melody are primarily eighth and sixteenth notes.

$$|\ominus| \quad |\circ|\circ| \quad | \quad |\oplus| \quad [1, 4, 3, 2]$$

The image shows a musical score for guitar. The top part is a standard staff notation with a treble clef, showing a melodic line with various note heads and stems. The bottom part is a tablature for a six-string guitar, with each string labeled A through F from top to bottom. The tablature includes fingerings and a measure number 11 above the 12th fret of the A string. Below the tablature, a sequence of numbers indicates specific fret positions: 8, 11-10-11, 12-9-8, 9-10-12-11-12.

$$|\ominus| \quad |\circ|\circ| \quad | \quad |\oplus| \quad [1, 3, 2, 4]$$

A musical score for guitar featuring a treble clef staff and a tablature staff below it. The treble clef staff contains a continuous melody of eighth and sixteenth notes. The tablature staff shows the corresponding fingerings and string numbers for each note. The key signature is A major (no sharps or flats). The tablature includes vertical bar lines and numerical markings such as 8, 10, 11, 12, 9, 10, 11, 12, 10, 11, 12, 11, 10, 9, 10, 11, 12, 11, 10, 9, 13, 10, 13, 12, 11.

$| \ominus | | \ominus | \ominus | | \ominus | [1, 2, 3, 4]$

The image shows a musical score for guitar. The top part is a standard staff notation with a treble clef, showing a melodic line consisting of eighth and sixteenth notes. The bottom part is a tablature for a six-string guitar, with each string numbered 6 at the top and 1 at the bottom. The tablature shows a sequence of notes across the strings, corresponding to the melody above. The first measure ends with a vertical bar line, and the second measure begins with a '10' above the tablature, indicating a measure repeat.

| Θ —| Θ —| Θ —| Θ —| [1, 3, 4, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 11, 8, 9, 12, 11, 12, 9, 10, 12, 9, 10, 11, 12, 10, 12, 9, 10, 13, 12.

| Θ —| Θ —| Θ —| Θ —| [1, 4, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 11, 10, 11, 11, 9, 8, 9, 12, 11, 12, 9, 10, 12, 9, 10, 11, 12, 10, 12, 9, 10, 13, 12.

| Θ —| Θ —| Θ —| Θ —| [1, 3, 2, 4]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 8, 11, 9, 12, 11, 12, 9, 10, 9, 12, 10, 9, 12, 10, 13, 12, 10.

| Θ —| Θ —| Θ —| Θ —| [1, 2, 3, 4]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 10, 11, 11, 8, 9, 11, 9, 11, 12, 12, 9, 9, 10, 12, 10, 12, 9, 10, 12, 10, 13, 12, 10.

|○|○| |○|○| [1, 3, 4, 2]

Guitar tablature for the first pattern. The top staff shows a melodic line with various note heads and stems. The bottom staff shows the guitar neck with fingerings: 8-12, 9-11, 10-12, 9-10, 10-12, 11-8, 8-10, 10-12, 11-8, 10-9, 11-11, 8-12, 9-11, 10-12, 9-10, 11-13, 12-10, 11-11.

|○|○| |○|○| [1, 4, 3, 2]

Guitar tablature for the second pattern. The top staff shows a melodic line. The bottom staff shows the guitar neck with fingerings: 8-12, 9-11, 10-12, 9-10, 12-10, 9-8, 10-8, 8-11, 11-8, 10-11, 11-9, 10-10, 8-12, 9-11, 13-11, 12-10, 11-11.

|○|○| |○|○| [1, 4, 2, 3]

Guitar tablature for the third pattern. The top staff shows a melodic line. The bottom staff shows the guitar neck with fingerings: 8-9, 9-12, 11-12, 12-10, 9-10, 10-8, 8-11, 8-10, 8-9, 11-10, 10-11, 11-9, 8-10, 9-12, 11-13, 12-11, 10-11, 11-11.

|○|○| |○|○| [1, 2, 4, 3]

Guitar tablature for the fourth pattern. The top staff shows a melodic line. The bottom staff shows the guitar neck with fingerings: 8-9, 9-12, 11-12, 12-10, 9-10, 10-8, 8-11, 8-10, 8-9, 10-11, 11-9, 8-9, 10-12, 11-13, 12-11, 10-11, 11-9.

|○|○| |○| |○| [1, 3, 2, 4]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with an open string (G) and ends with a half note. The second measure starts with a half note and ends with a sharp note. Fingerings are indicated below the staff: the first measure has 8-12-9-11-12; the second measure has 10-11-11-8-12-9-10-11-12. Above the staff, a bracket indicates a range from 9 to 11.

|○|○| |○| |○| [1, 2, 3, 4]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with an open string (G) and ends with a half note. The second measure starts with a half note and ends with a sharp note. Fingerings are indicated below the staff: the first measure has 8-9-12-11-12-10-12-9-10-8-10-8-11; the second measure has 10-11-9-11-8-9-12-11-12-10-11-13-10-11. Above the staff, a bracket indicates a range from 9 to 11.

|○|○| |○| |○| [1, 3, 4, 2]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with an open string (G) and ends with a half note. The second measure starts with a half note and ends with a sharp note. Fingerings are indicated below the staff: the first measure has 8-11-9-9-11-9-12-12-9-12-10-10-10-8; the second measure has 10-11-8-8-11-11-10-9-11-10-13-10-13-11. Above the staff, a bracket indicates a range from 11 to 11.

|○|○| |○| |○| [1, 4, 3, 2]

Musical staff showing a melodic line and fingerings for a half-whole diminished scale pattern. The staff consists of two measures separated by a vertical bar line. The first measure starts with an open string (G) and ends with a half note. The second measure starts with a half note and ends with a sharp note. Fingerings are indicated below the staff: the first measure has 8-9-11-12-9-9-12-12-10-12-10-8; the second measure has 10-11-8-8-11-11-10-9-11-13-10-10-13-11. Above the staff, a bracket indicates a range from 11 to 11.

| Θ | Θ | | Θ | | | Θ | [1, 3, 2, 4]

Sheet music for the first pattern. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The notes are primarily eighth notes, with some sixteenth-note patterns. The bass staff has fingerings: 8-11-9-11-12, 9-12-9-12-10-12, 10-10-8, 10-11, 11-8-11-9-11-12, 10-10-13-10-13-11. The treble staff has fingerings: 8-11-9-11-12, 9-12-9-12-10-12, 10-10-8.

| Θ | Θ | | Θ | | | Θ | [1, 2, 3, 4]

Sheet music for the second pattern. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The notes are primarily eighth notes, with some sixteenth-note patterns. The bass staff has fingerings: 8-9-11-11-12, 9-12-9-10-12-12, 10-8-10, 10-11, 8-11-8-9-11-10-11-12, 10-13-10-11-13. The treble staff has fingerings: 8-9-11-11-12, 9-12-9-10-12-12, 10-8-10.

| Θ | Θ | | Θ | Θ | | | [1, 3, 4, 2]

Sheet music for the third pattern. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The notes are primarily eighth notes, with some sixteenth-note patterns. The bass staff has fingerings: 8-11-12-9-11-12, 9-10-9-12-10-12, 8-10-11-8, 10-11, 8-9-8-11-12-9-11-10-11-12, 10-13-11. The treble staff has fingerings: 8-11-12-9-11-12, 9-10-9-12-10-12, 8-10-11-8.

| Θ | Θ | | Θ | Θ | | | [1, 4, 3, 2]

Sheet music for the fourth pattern. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The notes are primarily eighth notes, with some sixteenth-note patterns. The bass staff has fingerings: 8-12-11-9-11-12, 10-9-9-12-12-10-12, 8-11-10-8, 10-9-8-11, 8-12-11-9-11-10-12, 11-10-10-13-11. The treble staff has fingerings: 8-12-11-9-11-12, 10-9-9-12-12-10-12, 8-11-10-8.

|○| |○|○| |○| [1, 4, 2, 3]

Musical score for diminished fifth pattern [1, 4, 2, 3]. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows a bass clef and fingerings for the left hand: A (8), B (9), 11-12 (10-12), 10 (8), 11 (12-9-10), 10 (12), 8 (11), 11 (12-9-10). The right hand is implied by the treble clef staff.

|○| |○|○| |○| [1, 2, 4, 3]

Musical score for diminished fifth pattern [1, 2, 4, 3]. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows a bass clef and fingerings for the left hand: A (8), B (9), 11 (12-10), 10 (8), 11 (9-12-10), 10 (12), 8 (11), 11 (9-12-10). The right hand is implied by the treble clef staff.

|○| |○|○| |○| [1, 3, 2, 4]

Musical score for diminished fifth pattern [1, 3, 2, 4]. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows a bass clef and fingerings for the left hand: A (8), B (9), 11 (9-12-11), 10 (8-12), 11 (10-9-12), 10 (12), 8 (11), 11 (10-9-12). The right hand is implied by the treble clef staff.

|○| |○|○| |○| [1, 2, 3, 4]

Musical score for diminished fifth pattern [1, 2, 3, 4]. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows a bass clef and fingerings for the left hand: A (8), B (9), 11 (9-10-12), 10 (8-10), 11 (9-10-12), 10 (12), 8 (10-11), 11 (9-10-12). The right hand is implied by the treble clef staff.

|○|○| |○|○| | | [1, 3, 4, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern.

Melodic Line:

- Notes: $\text{F}^{\#}, \text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}$, $\text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}$, $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $1, 3, 4, 2$.

Bass Staff:

- Notes: $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $8-11-12-9$, $9-12-10$, $8-9-11$, $11-10-11-12$, $12-10-8-9-11$, $11-10-11-12$.

|○|○| |○|○| | | [1, 4, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern.

Melodic Line:

- Notes: $\text{F}^{\#}, \text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}$, $\text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}$, $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $1, 4, 3, 2$.

Bass Staff:

- Notes: $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $8-12-11-9$, $9-12-10$, $10-9-8-11$, $11-10-12-10$, $12-10-9-8-11$, $11-10-12$.

|○|○| |○|○| | | [1, 4, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern.

Melodic Line:

- Notes: $\text{F}^{\#}, \text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}$, $\text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}$, $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $1, 4, 2, 3$.

Bass Staff:

- Notes: $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $8-12-9-11$, $9-10-12$, $10-9-11-8$, $11-12-10-9$, $12-10-9-11-8-11$, $11-10-12$.

|○|○| |○|○| | | [1, 2, 4, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern.

Melodic Line:

- Notes: $\text{F}^{\#}, \text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}$, $\text{G}, \text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}$, $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $1, 2, 4, 3$.

Bass Staff:

- Notes: $\text{A}, \text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}$, $\text{B}, \text{C}^{\#}, \text{D}, \text{E}, \text{F}^{\#}, \text{G}^{\#}, \text{A}^{\#}, \text{B}^{\#}$.
- Fingerings: $8-9-12-11$, $9-10-12$, $10-9-11-8$, $11-12-10-9$, $12-10-9-11-8-11$, $11-10-12$.

|○|○| |○|○| + | [1, 3, 2, 4]

A musical staff in treble clef with a melodic line consisting of eighth and sixteenth notes. Grace notes are present between the main notes. Below it is a bass staff with two measures. The first measure has fingerings: 8-10-9, 11-12-10. The second measure has fingerings: 10-8-11, 9-11-12.

A
B

8-11-9-12 | 9-12-10 | 8-10-11 | 11-12-10 | 10-8-11 | 9-11-12 | 10-11-12 |

|○|○| |○|○| + | [1, 2, 3, 4]

A continuation of the musical staff from the previous section, showing the melodic line and grace notes.

A
B

8-9-11-12 | 9-10-12 | 8-10-11 | 11-12-10 | 10-11-12 | 8-9-11-12 | 10-11-12 |

7

Half-Whole Diminished Scale Group

7.1 Major Sixth

|○| + | + | |○| + | [1, 2, 1]

A musical staff in treble clef with six notes. Below the staff, a guitar neck diagram shows fingerings: A string 8, B string 8, G string 12, D string 12, A string 8, and E string 8.

|○| + | + | |○| + | [1, 2, 1]

A musical staff in treble clef with six notes. Below the staff, a guitar neck diagram shows fingerings: A string 8-12-8, B string 12, G string 11, D string 11, A string 8, and E string 12-8.

|○| |○| | + + | [1, 2, 1]

A musical staff in G clef. It starts with a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems). The notes are connected by vertical stems.

A musical staff in G clef. It starts with a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems), then a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems).

|○| + + + |○|○| [1, 2, 3]

A musical staff in G clef. It starts with a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems), then a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems).

|○| + + + |○|○| [1, 3, 2, 1]

A musical staff in G clef. It starts with a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems), then a half note (two vertical stems), followed by a whole note (one vertical stem), then two half notes (each with two vertical stems).

| Θ | — | — | Θ | Θ [1, 2, 3, 1]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-9-12, 12, 8-11, 12-13, 11-8, 9-10, and 8.

| Θ | — | — | Θ | Θ [1, 2, 3, 2]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-9-8-12, 12, 8-11, 12-13-12, 8, 9-10-9, and 8.

| Θ | — | — | Θ | Θ [1, 3, 2, 3]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-12, 8-11, 13-12-13, 8, 10-9-10, and 8.

| Θ | — | — | Θ | Θ [1, 3, 2]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-12, 11, 13-11, 8-10, and 12.

|○| + | + |○| + ○| [1, 2, 3]

|○| + | + |○| + ○| [1, 3, 2, 1]

|○| + | + |○| + ○| [1, 2, 3, 1]

|○| + | + |○| + ○| [1, 2, 3, 2]

|○| | |○| |○| [1, 3, 2, 3]

|○| | |○| |○| [1, 3, 2]

|○| | |○| |○| [1, 2, 3]

|○| | |○| |○| [1, 3, 2, 1]

| Θ —| Θ —| Θ —| [1, 2, 3, 1]

| Θ —| Θ —| Θ —| [1, 2, 3, 2]

| Θ —| Θ —| Θ —| [1, 3, 2, 3]

| Θ —| Θ —| + + | Θ —| [1, 3, 2]

|○| |○| | | |○| [1, 2, 3]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-11-9-13-8-10 on the top set, and 9-12-8-10 on the bottom set.

|○| |○| | | |○| [1, 3, 2, 1]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-9-11-13-9-11-8-10-10-8 on the top set, and 9-12-12-8-10-8 on the bottom set.

|○| |○| | | |○| [1, 2, 3, 1]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-11-9-13-11-8-10-10-8 on the top set, and 9-12-12-8-10-8 on the bottom set.

|○| |○| | | |○| [1, 2, 3, 2]

A musical staff in G clef with sixteenth-note patterns. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 8-11-9-13-9-8-10-10 on the top set, and 9-12-10-10 on the bottom set.

$$|\bullet| \quad |\bullet| \quad | \quad | \quad |\bullet| \quad [1, 3, 2, 3]$$

$$|\bullet| |\circ| \mid | \circ | \mid [1, 3, 2]$$

$\boxed{\circ} \boxed{\circ} \boxed{\circ} \boxed{\circ} [1, 2, 3]$

T
A
B
 8-10 9-12 11 9-12 8-10 9

$$|\bullet| \quad |\circ| \quad | \quad |\circ| \quad | \quad [1, 3, 2, 1]$$

|○| |○| | |○| | [1, 2, 3, 1]

A musical staff in G clef with a sixteenth-note pattern. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 9-12, 11, 11-8, 10, 9, 8. Below the strings are the numbers 8-10, 8, 12, 12, 8.

|○| |○| | |○| | [1, 2, 3, 2]

A musical staff in G clef with a sixteenth-note pattern. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 9-12-9, 11, 8-10, 9-10. Below the strings are the numbers 8-10, 10, 8, 12, 9, 9.

|○| |○| | |○| | [1, 3, 2, 3]

A musical staff in G clef with a sixteenth-note pattern. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 12, 9-12, 8, 10. Below the strings are the numbers 8, 10, 8-12, 12, 9-12.

|○| | |○| | |○| | [1, 3, 4, 2]

A musical staff in G clef with a sixteenth-note pattern. Below it is a guitar neck diagram with two sets of strings labeled A and B. Fingerings are shown above the strings: 12-13-10, 8, 9-10, 11. Below the strings are the numbers 8, 9, 11, 12, 10, 11.

|○| |○| |○|○| [1, 4, 3, 2]

A musical staff in treble clef with a scale pattern: A-B-C-D-E-F-G-A. Below it is a bass staff with fingerings: 8, 12-10, 11, 13-12-10, 8, 10-9, 11.

|○| |○| |○|○| [1, 4, 2, 3]

A musical staff in treble clef with a scale pattern: A-B-C-D-E-F-G-A. Below it is a bass staff with fingerings: 8, 10-12, 11, 13-10-12, 8, 10-11, 9.

|○| |○| |○|○| [1, 2, 4, 3]

A musical staff in treble clef with a scale pattern: A-B-C-D-E-F-G-A. Below it is a bass staff with fingerings: 8, 10-12, 11, 10-13-12, 8-11, 10-9.

|○| |○| |○|○| [1, 3, 2, 4]

A musical staff in treble clef with a scale pattern: A-B-C-D-E-F-G-A. Below it is a bass staff with fingerings: 8, 12-10, 11, 12-10-13, 8-11, 9-10.

|○| |○| |○|○| [1, 2, 3, 4]

A musical score for a string quartet (Violin 1, Violin 2, Cello, Bass) in G major. The Violin 1 part features a sixteenth-note scale pattern starting on G. The Cello and Bass parts provide harmonic support with sustained notes and bass line patterns. Fingerings are indicated above the strings: Violin 1 has 10-12-13, 8-11; Violin 2 has 10-12, 8-11; Cello has 8-11; Bass has 8-9-12.

|○| |○| | |○|○| [1, 3, 4, 2]

A musical score for a string quartet in G major. The Violin 1 part features a sixteenth-note scale pattern starting on G. The Cello and Bass parts provide harmonic support with sustained notes and bass line patterns. Fingerings are indicated above the strings: Violin 1 has 12-13-9, 8-10; Violin 2 has 8-11; Cello has 12-9; Bass has 8-10.

|○| |○| | |○|○| [1, 4, 3, 2]

A musical score for a string quartet in G major. The Violin 1 part features a sixteenth-note scale pattern starting on G. The Cello and Bass parts provide harmonic support with sustained notes and bass line patterns. Fingerings are indicated above the strings: Violin 1 has 13-12-9, 8-10; Violin 2 has 11; Cello has 12-9; Bass has 8-10.

|○| |○| | |○|○| [1, 4, 2, 3]

A musical score for a string quartet in G major. The Violin 1 part features a sixteenth-note scale pattern starting on G. The Cello and Bass parts provide harmonic support with sustained notes and bass line patterns. Fingerings are indicated above the strings: Violin 1 has 13-9-12, 10-9; Violin 2 has 11; Cello has 9-12; Bass has 8-10.

| \ominus —| \ominus —| | \ominus — \ominus [1, 2, 4, 3]

| \ominus —| \ominus —| | \ominus — \ominus [1, 3, 2, 4]

| \ominus —| \ominus —| | \ominus — \ominus [1, 2, 3, 4]

7.2 Minor Third

| \ominus —| | | | | \ominus —| [1, 2, 1]

| Θ —|—|—| Θ —|—| [1, 2, 1]

Musical score for the first pattern:

Top staff: Treble clef, 12 measures of sixteenth-note patterns.

Bass staff: Two measures of sixteenth-note patterns. The first measure shows notes 8-12, 8-11, 10-9, 9-12, 11-12. The second measure shows notes 10-10, 9-8, 12-8, 11-11, 10-10.

| Θ —| Θ —|—|—| [1, 2, 1]

Musical score for the second pattern:

Top staff: Treble clef, 12 measures of sixteenth-note patterns.

Bass staff: Two measures of sixteenth-note patterns. The first measure shows notes 8-10, 8-11, 11-9, 12-12. The second measure shows notes 10-12, 10-9, 12-8, 11-11, 10-12, 10.

| Θ —|—|—| Θ — Θ —| [1, 3, 2]

Musical score for the third pattern:

Top staff: Treble clef, 12 measures of sixteenth-note patterns.

Bass staff: Two measures of sixteenth-note patterns. The first measure shows notes 9-8, 12-11, 9-10, 9-12. The second measure shows notes 10-10, 8-11, 9-13, 12-10, 11-10.

| Θ —|—|—| Θ — Θ —| [1, 2, 3]

Musical score for the fourth pattern:

Top staff: Treble clef, 12 measures of sixteenth-note patterns.

Bass staff: Two measures of sixteenth-note patterns. The first measure shows notes 8-8, 9-11, 12-12, 9-12. The second measure shows notes 10-10, 11-8, 9-10, 12-13, 10-11.

|○| | | | | ○○| [1, 3, 2, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 8, 11, 12, 11, 9, 10-9, 8, 12, 10, 11-10, 8, 10-9, 8, 11, 13, 12, 10, 11-10.

|○| | | | | ○○| [1, 2, 3, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 8, 11, 12, 11, 9, 9-10, 12, 8, 10, 11, 10, 8, 9-10, 8, 8-11, 12, 13, 10, 11-10.

|○| | | | | ○○| [1, 2, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 8, 11, 12, 11, 9, 9-10, 9, 12, 8, 10, 11, 10, 8, 9-10, 9, 11, 12, 13, 12, 10, 10-11-10.

|○| | | | | ○○| [1, 3, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a half-whole diminished scale pattern. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 9, 8, 9, 12, 11, 12, 9, 10-9, 10, 8, 12, 8, 10, 11, 10, 11, 8, 10-9, 10, 11, 13, 12, 13, 10, 11-10-11.

$\boxed{\textcircled{1}} \boxed{\textcircled{2}} \boxed{\textcircled{3}} \boxed{\textcircled{4}} \quad [1, 3, 2]$

A musical score for guitar. The top staff shows a treble clef and a melodic line with sixteenth-note patterns and various sharps. The bottom staff shows a bass clef and a harmonic line with sixteenth-note patterns and fingerings such as 8, 9, 12-11, 10-9, 10-8, 12, 11, 10, 11-9, 8, 10, 12-11, 13-11-10, and 11-9.

$\boxed{\circ} \boxed{\circ}$ [1, 2, 3]

$$|\circ| \quad | \quad | \quad |\circ| \quad |\circ| \quad [1, 3, 2, 1]$$

The musical score consists of two staves. The top staff is a treble clef staff with a key signature of one sharp (F#). It contains a melodic line with sixteenth-note patterns and several grace notes. The bottom staff is a bass clef staff with a key signature of one sharp (F#). It features a harmonic bass line with various note heads and stems. The bass line includes figures such as 8, 9, 12-8, 11, 12-10, 11, 9-10-8, 8, 11, 10-11-9, 10, 12-8-11, 13-11, 11, 10, 11, and 9, 10.

$$|\circ| \quad | \quad | \quad |\circ| \quad |\circ| \quad [1, 2, 3, 1]$$

A musical score for a six-string guitar. The top staff shows the treble clef and a key signature of one sharp. The bottom staff shows the bass clef and a key signature of one sharp. The score consists of two systems separated by a vertical bar line. The first system has six measures. The second system begins with a measure containing a single note (B) followed by ten measures of sixteenth-note patterns. The notes are primarily in the treble and bass clefs, with some ledger lines indicating higher or lower positions on the strings.

|○| | | |○| |○| [1, 2, 3, 2]

|○| | | |○| |○| [1, 3, 2, 3]

|○| | | |○| |○| [1, 2, 3]

|○| | | |○| |○| [1, 3, 2, 1]

|○| |○| |○| [1, 2, 3, 1]

|○| |○| |○| [1, 3, 2, 3]

|○| |○| | | |○| [1, 3, 2]

|○| |○| | | |○| [1, 2, 3]

|○| |○| | | |○| [1, 3, 2, 1]

|○| |○| | | |○| [1, 2, 3, 1]

|○| |○| | | |○| [1, 2, 3, 2]

|○| |○| | | |○| [1, 3, 2, 3]

|○| |○| | |○| [1, 3, 2]

|○| |○| | |○| [1, 2, 3]

|○| |○| | |○| [1, 3, 2, 1]

|○| |○| | |○| [1, 2, 3, 1]

|θ| |θ| | |θ| [1, 2, 3, 2]

|θ| |θ| | |θ| [1, 3, 2, 3]

|θ| | |θ| |θ| [1, 4, 2, 3]

|θ| | |θ| |θ| [1, 2, 4, 3]

|○| |○| |○|○| [1, 3, 2, 4]

|○| |○| |○|○| [1, 2, 3, 4]

|○| |○| | |○|○| [1, 3, 4, 2]

|○| |○| | |○|○| [1, 4, 3, 2]

| Θ | Θ | | Θ | Θ | [1, 4, 2, 3]

| Θ | Θ | | Θ | Θ | [1, 2, 4, 3]

| Θ | Θ | | Θ | Θ | [1, 3, 2, 4]

| Θ | Θ | | Θ | Θ | [1, 2, 3, 4]

8

Half-Whole Diminished Scale Subset

The patterns in this chapter suggest the Half-Whole scale but do not contain all of its notes. Most players will find they can be used in the same contexts as those containing the entire scale, although they do give somewhat different flavours.

8.1 Diminished Fifth

|○| | | | |○| | [1, 2, 1]

Musical notation for a diminished fifth pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff is a bass clef staff with eighth-note patterns. Below the staffs are two sets of numbers: 8, 8, 9, 9, 10, 10 and 11, 11, 10, 10, 11, 11. The first set is under the bass staff and the second is under the treble staff. The number 12 appears above the 11 in both sets. The letter 'A' is above the first set of numbers, and the letter 'B' is above the second.

|○| |○| | + + | [1, 2, 1]

|○| + + | +○+○| [1, 3, 2]

|○| + + | +○+○| [1, 3, 2, 1]

|○| + + | +○+○| [1, 2, 3, 1]

|○| | | | |○|○| [1, 2, 3, 2]

|○| |○| | | |○| [1, 3, 2]

|○| |○| | | |○| [1, 3, 2, 1]

|○| |○| | | |○| [1, 2, 3, 1]

|○| |○| | | |○| [1, 2, 3, 2]

The musical score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff is a bass clef staff with note heads and stems. Above the bass staff, there are labels A, B, and C. Below the staff, there are numerical sequences: 8-10, 9-10, 9-11, 10-11, 10-12, 11-12, 11, 9-13-9, 10-12, 11-12, 11, 9-13-9.

9

$^1\text{dom} + \flat 6\text{maj}$ Scale Group

9.1 Augmented Fifth

| \ominus | + + | \ominus | + [1, 2, 1]

Melody: $\begin{array}{ccccccc} \text{E} & \text{F} & \text{G} & \text{A} & \text{B} & \text{C} & \text{D} \\ \text{E} & \text{F} & \text{G} & \text{A} & \text{B} & \text{C} & \text{D} \end{array}$

Bass: $\begin{array}{ccccccc} \text{A} & \text{B} & \text{C} & \text{D} & \text{E} & \text{F} & \text{G} \\ 8 & 8 & 11 & 11 & 11 & 10 & 9 \end{array}$

| \ominus | + | \ominus | + + [1, 2, 1]

Melody: $\begin{array}{ccccccc} \text{E} & \text{F} & \text{G} & \text{A} & \text{B} & \text{C} & \text{D} \\ \text{E} & \text{F} & \text{G} & \text{A} & \text{B} & \text{C} & \text{D} \end{array}$

Bass: $\begin{array}{ccccccc} \text{A} & \text{B} & \text{C} & \text{D} & \text{E} & \text{F} & \text{G} \\ 8 & 11 & 8 & 11 & 11 & 9 & 9-12-9 \end{array}$

9.2 Major Third

$\textcircled{\theta} \text{---} \text{---} \text{---} \text{---} \textcircled{\theta} \text{---} [1, 2, 1]$

T
A
B
8-8-12-12-11-11 | 10-10-9-10-9-9-9

$\textcircled{\theta} \text{---} \text{---} \textcircled{\theta} \text{---} \text{---} [1, 2, 1]$

T
A
B
8-11-8-12-10-11-11 | 10-10-8-9-12-9-9-12-9

10

4^{min} + 7^{min} Scale Group

10.1 Diminished Fifth

|○| |○| | |○|— [1, 3, 2]

Treble clef staff: Sixteenth-note patterns.

Bass clef staff:
A: 8 - 9 - 11 - 10 - 12
B: 8 - 10

|○| |○| | |○|— [1, 2, 3]

Treble clef staff: Sixteenth-note patterns.

Bass clef staff:
A: 8 - 9 - 11 - 9-10-12 - 10
B: 8 - 10

$$\begin{array}{c|c|c|c|c} \textcircled{1} & \textcircled{2} & | & \textcircled{3} & | \\ \hline & & & & \end{array} \quad [1, 3, 2, 1]$$

$$|\bullet| \quad |\bullet| \quad | \quad |\bullet| \quad [1, 2, 3, 1]$$

$$|\circ| \quad |\circ| \quad | \quad |\circ| \quad | \quad [1, 2, 3, 2]$$

$$|\circ| \quad |\circ| \quad | \quad |\circ| \quad | \quad [1, 3, 2, 3]$$

| $\textcircled{1}$ —| $\textcircled{1}$ —| | $\textcircled{1}$ — $\textcircled{1}$ —| [1, 3, 4, 2]

Fingerings for the bass staff:
8-9 9-10 10-11 11-12 | 12-13-9 10-11-12

| $\textcircled{1}$ —| $\textcircled{1}$ —| | $\textcircled{1}$ — $\textcircled{1}$ —| [1, 4, 3, 2]

Fingerings for the bass staff:
9-8 10-9 11-10 | 13-12-9 11-10-12

| $\textcircled{1}$ —| $\textcircled{1}$ —| | $\textcircled{1}$ — $\textcircled{1}$ —| [1, 4, 2, 3]

Fingerings for the bass staff:
9-8 10-9 11-10 | 13-9-12 11-10-11 13-9-12

| $\textcircled{1}$ —| $\textcircled{1}$ —| | $\textcircled{1}$ — $\textcircled{1}$ —| [1, 2, 4, 3]

Fingerings for the bass staff:
9-8 9-11 10-9-10-12 | 11-9-13-12 10-12 11-10-11 9-13-12

11

2^{maj} + $\sharp 5^{\text{maj}}$ Scale Group

11.1 Diminished Fifth

| \ominus | | \ominus | | \ominus | [1, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar fretboard diagram with two octaves labeled A and B. Fret 8 is marked with a 'B' above it. Frets 9, 10, and 11 are marked with 'A' below them. Fret 12 is marked with a 'B' above it. The diagram shows a sequence of notes: 8-11, 9-12, 9-10, 8-10, 11-10, 10-8, 11-10, 10-8, 11-10.

| \ominus | | \ominus | | \ominus | [1, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a guitar fretboard diagram with two octaves labeled A and B. Fret 8 is marked with a 'B' above it. Frets 9, 10, and 11 are marked with 'A' below them. Fret 12 is marked with a 'B' above it. The diagram shows a sequence of notes: 8-11, 9-12, 9-10, 8-10, 11-10, 10-8, 11-10, 8-10, 11-10.

|○| |○| |○| [1, 3, 2, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a 1, 3, 2, 1 scale pattern.

Melodic Line:

- First measure: $8-10-9-12$
- Second measure: $10-8-11-12$
- Third measure: $11-12-10-11$
- Fourth measure: $10-8-11-12$

Bass Staff:

- First measure: $8-11-8-10$
- Second measure: $9-12-9-10$
- Third measure: $10-8-11-10$
- Fourth measure: $11-12-11-10$

|○| |○| |○| [1, 2, 3, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a 1, 2, 3, 1 scale pattern.

Melodic Line:

- First measure: $8-10-9-12$
- Second measure: $10-8-11-10$
- Third measure: $11-10-12-11$
- Fourth measure: $10-8-11-10$

Bass Staff:

- First measure: $8-11-8-10$
- Second measure: $9-12-9-10$
- Third measure: $10-8-11-10$
- Fourth measure: $11-10-11-10$

|○| |○| |○| [1, 2, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a 1, 2, 3, 2 scale pattern.

Melodic Line:

- First measure: $8-10-9-12$
- Second measure: $10-8-11-10$
- Third measure: $11-10-12-10$
- Fourth measure: $10-8-11-10$

Bass Staff:

- First measure: $8-11-11-10$
- Second measure: $9-12-12-11$
- Third measure: $10-8-10-11$
- Fourth measure: $11-10-11-10$

|○| |○| |○| [1, 3, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a 1, 3, 2, 3 scale pattern.

Melodic Line:

- First measure: $8-10-9-12$
- Second measure: $10-8-10-11$
- Third measure: $11-12-10-12$
- Fourth measure: $10-8-10-11$

Bass Staff:

- First measure: $8-11-8-10$
- Second measure: $9-12-9-10$
- Third measure: $10-8-10-11$
- Fourth measure: $11-10-11-10$

|○| |○|○| + + [1, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a diminished fifth position on a guitar neck.

Melodic Line:

- First measure: Open string (G), 1st fret (A), 2nd fret (B), 3rd fret (C), 4th fret (D), 5th fret (E), 6th fret (F#).
- Second measure: 7th fret (G#), 8th fret (A), 9th fret (B), 10th fret (C), 11th fret (D), 12th fret (E).

Bass Staff:

- First measure: 8th fret (A), 9th fret (B), 10th fret (C), 11th fret (D), 12th fret (E).
- Second measure: 11th fret (A), 10th fret (B), 8th fret (C), 12th fret (D), 11th fret (E).

|○| |○|○| + + [1, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for another diminished fifth position on a guitar neck.

Melodic Line:

- First measure: Open string (G), 1st fret (A), 2nd fret (B), 3rd fret (C), 4th fret (D), 5th fret (E), 6th fret (F#).
- Second measure: 7th fret (G#), 8th fret (A), 9th fret (B), 10th fret (C), 11th fret (D), 12th fret (E).

Bass Staff:

- First measure: 8th fret (A), 9th fret (B), 11th fret (C), 10th fret (D), 12th fret (E).
- Second measure: 11th fret (A), 10th fret (B), 8th fret (C), 12th fret (D), 11th fret (E).

|○| |○|○| + + [1, 3, 2, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a third diminished fifth position on a guitar neck.

Melodic Line:

- First measure: Open string (G), 1st fret (A), 2nd fret (B), 3rd fret (C), 4th fret (D), 5th fret (E), 6th fret (F#).
- Second measure: 7th fret (G#), 8th fret (A), 10th fret (B), 12th fret (C), 10th fret (D), 8th fret (E).

Bass Staff:

- First measure: 8th fret (A), 9th fret (B), 12th fret (C), 11th fret (D), 11th fret (E).
- Second measure: 11th fret (A), 10th fret (B), 8th fret (C), 12th fret (D), 11th fret (E).

|○| |○|○| + + [1, 2, 3, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a fourth diminished fifth position on a guitar neck.

Melodic Line:

- First measure: Open string (G), 1st fret (A), 2nd fret (B), 3rd fret (C), 4th fret (D), 5th fret (E), 6th fret (F#).
- Second measure: 7th fret (G#), 8th fret (A), 10th fret (B), 12th fret (C), 9th fret (D), 10th fret (E).

Bass Staff:

- First measure: 8th fret (A), 9th fret (B), 11th fret (C), 12th fret (D), 9th fret (E).
- Second measure: 11th fret (A), 9th fret (B), 11th fret (C), 10th fret (D), 11th fret (E).

|○| |○|○| | | [1, 2, 3, 2]

|○| |○|○| | | [1, 3, 2, 3]

|○| | |○| |○|○| [1, 3, 4, 2]

|○| | |○| |○|○| [1, 4, 3, 2]

|○| |○| |○|○| [1, 4, 2, 3]

T
A
B
8 9 8 9 10 9-10 11-8-10 11 13-10-12 10 11-8-10-11 13-10-12

|○| |○| |○|○| [1, 2, 4, 3]

T
A
B
8 9 8 9-12 10-9-10 8-11-10 11 10-13-12 10 8-11-10-11 10-13-12

|○| |○|○| | |○| [1, 3, 4, 2]

T
A
B
8 9 10 9-12 10 10 11 12 11 10-13-9 10 8-11-12 11 10-13-9

|○| |○|○| | |○| [1, 4, 3, 2]

T
A
B
8 9 10 9-12-11 10 11-8-12 11 13-10-9 10 11-8-12 11 13-10-9

|○| |○○| | |○| [1, 4, 2, 3]

|○| |○○| | |○| [1, 2, 4, 3]

12

Double Chromatic Scale Group

12.1 Diminished Fifth

|θ| | | |θ|θ|θ| [1, 3, 4, 2]

T
A
B

8 9 12 9 10-8-10 10-11-9 | 11 12-13-11 10-11-9-11 12-13-11-10

|θ| | | |θ|θ|θ| [1, 4, 3, 2]

T
A
B

8 9 8 12 9 10-9-8-10 11-10-9 | 11 13-12-11 10 11-10-9-11 13-12-11

|○| | | |○|○|○| [1, 4, 2, 3]

A
B
9 8 9 10-8-9-10 | 11-9-10 11-13-11-12-11-9-10-11-13-11-12
8 12

|○| | | |○|○|○| [1, 2, 4, 3]

A
B
9 8 9 8-10-9-10-9-11-10 | 11-13-12-11-9-11-10-11-13-12
8-12

13

Triple Chromatic Scale Group

13.1 Augmented Fifth

|Θ| | | | |Θ|Θ| [1, 3, 2]

A musical staff in treble clef. It features a sequence of eighth-note pairs, each pair consisting of a sharp and a double sharp. The notes are grouped by vertical bar lines. Below the staff, a bass staff shows fingerings: 9, 8, 11 on the first three strings, and 12-11 on the fourth string. The bass staff has labels T, A, and B above it.

|Θ| | | | |Θ|Θ| [1, 2, 3]

A musical staff in treble clef. It features a sequence of eighth-note pairs, each pair consisting of a sharp and a double sharp. The notes are grouped by vertical bar lines. Below the staff, a bass staff shows fingerings: 8, 9, 11 on the first three strings, and 11-12 on the fourth string. The bass staff has labels T, A, and B above it.

|○| | | | |○|○| [1, 3, 2, 1]

T
A
B
8 9 8 11 11 11

|○| | | | |○|○| [1, 2, 3, 1]

T
A
B
8 9 8 11 11 12 11

|○| | | | |○|○| [1, 2, 3, 2]

T
A
B
8 9 8 11 11 12 11

|○| | | | |○|○| [1, 3, 2, 3]

T
A
B
8 9 8 9 11 12 11 12

| Θ | — | Θ | — | Θ | [1, 3, 2]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with notes labeled 8, 9, 11, 12, 9, 11.

| Θ | — | Θ | — | Θ | [1, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with notes labeled 8, 11, 9, 11, 9-12, 11.

| Θ | — | Θ | — | Θ | [1, 3, 2, 1]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with notes labeled 8, 11, 8, 11, 12, 9, 9, 11.

| Θ | — | Θ | — | Θ | [1, 2, 3, 1]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with notes labeled 8, 11, 8, 11, 9, 12, 9, 11.

|○| + |○| + |○| [1, 2, 3, 2]

T
A
B
8 - 11 - 11 - 9 - 12 - 9 - 9 - 12 - 11 - 12

|○| + |○| + |○| [1, 3, 2, 3]

T
A
B
8 - 9 - 9 - 11 - 12 - 9 - 12 - 9 - 12 - 11 - 11

|○| + |○| + |○| [1, 3, 2]

T
A
B
8 - 11 - 11 - 9 - 10 - 9 - 12

|○| + |○| + |○| [1, 2, 3]

T
A
B
8 - 11 - 8 - 11 - 9 - 11 - 9 - 12 - 10

|○| |○| |○| [1, 3, 2, 1]

Melody: |○| |○| |○| [1, 3, 2, 1]

Bass: A 8-11 B 9-11 9-12 9

|○| |○| |○| [1, 2, 3, 1]

Melody: |○| |○| |○| [1, 2, 3, 1]

Bass: A 8-11 B 8-11 9-11 9-12 10 9

|○| |○| |○| [1, 2, 3, 2]

Melody: |○| |○| |○| [1, 2, 3, 2]

Bass: A 8-11 B 11-9-11 9-12-12 10

|○| |○| |○| [1, 3, 2, 3]

Melody: |○| |○| |○| [1, 3, 2, 3]

Bass: A 8-11 B 8-11 11-9-11 9-12 10 10

|○| |○| | |○|— [1, 3, 2]

|○| |○| | |○|— [1, 2, 3]

|○| |○| | |○|— [1, 3, 2, 1]

|○| |○| | |○|— [1, 2, 3, 1]

|○| |○| | |○| [1, 2, 3, 2]

Musical staff showing a melodic line with grace notes and a bass staff with fingerings for a 13th chord.

Bass fingerings: 8-10, 10, 8-11, 8-11-8, 9-11-11, 10

|○| |○| | |○| [1, 3, 2, 3]

Musical staff showing a melodic line with grace notes and a bass staff with fingerings for a 13th chord.

Bass fingerings: 8-10, 8, 8-11, 11-8-11, 9-11-10, 10

|○| | | |○|○|○| [1, 3, 4, 2]

Musical staff showing a melodic line with grace notes and a bass staff with fingerings for a 13th chord.

Bass fingerings: 8-12, 12, 8-9, 11, 11-12-10, 9, 10-11-9

|○| | | |○|○|○| [1, 4, 3, 2]

Musical staff showing a melodic line with grace notes and a bass staff with fingerings for a 13th chord.

Bass fingerings: 8, 12, 9-8, 11, 12-11-10, 9, 11-10-9

|○| | | |○|○|○| [1, 4, 2, 3]

|○| | | |○|○|○| [1, 2, 4, 3]

|○| | | |○|○|○| [1, 3, 2, 4]

|○| | | |○|○|○| [1, 2, 3, 4]

| Θ | Θ | | Θ | Θ [1, 3, 4, 2]

Musical staff showing a melodic line and a bass staff with fingerings. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a 13th chord with fingerings: 8-9-10-11-12-8-9-11.

| Θ | Θ | | Θ | Θ [1, 4, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a 13th chord with fingerings: 8-9-10-11-12-11-8-9-11.

| Θ | Θ | | Θ | Θ [1, 4, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a 13th chord with fingerings: 8-10-9-8-11-12-8-11-9-11-10.

| Θ | Θ | | Θ | Θ [1, 2, 4, 3]

Musical staff showing a melodic line and a bass staff with fingerings. The melodic line consists of eighth-note pairs and sixteenth-note patterns. The bass staff shows a 13th chord with fingerings: 8-10-9-8-11-8-12-11-9-11-10.

|○| |○| | |○|○| [1, 3, 2, 4]

|○| |○| | |○|○| [1, 2, 3, 4]

13.2 Major Third

|○| | | | |○|○| [1, 3, 2]

|○| | | | |○|○| [1, 2, 3]

|○| | | | |○○| [1, 3, 2, 1]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a six-string guitar neck with note heads and stems. The bottom staff shows a bass clef and a four-string bass neck with note heads and stems. The strings are labeled A, T, B, and G from top to bottom. Fingerings are indicated below the strings: for the treble staff, 9-8, 8, 12-11, 12-11, 11; for the bass staff, 8, 8-12, 12, 12. The music consists of two measures separated by a vertical bar line. The first measure has a single note on the 9th fret of the A string. The second measure starts with a note on the 10th fret of the T string, followed by a sequence of notes on the B and G strings at the 11th, 10th, 9th, and 9th frets respectively.

|○| | | | |○○| [1, 2, 3, 1]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a six-string guitar neck with note heads and stems. The bottom staff shows a bass clef and a four-string bass neck with note heads and stems. The strings are labeled A, T, B, and G from top to bottom. Fingerings are indicated below the strings: for the treble staff, 8, 9, 12, 8, 11-12, 11; for the bass staff, 8, 8-12, 12, 12. The music consists of two measures separated by a vertical bar line. The first measure has a single note on the 8th fret of the A string. The second measure starts with a note on the 10th fret of the T string, followed by a sequence of notes on the B and G strings at the 11th, 10th, 9th, and 9th frets respectively.

|○| | | | |○○| [1, 2, 3, 2]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a six-string guitar neck with note heads and stems. The bottom staff shows a bass clef and a four-string bass neck with note heads and stems. The strings are labeled A, T, B, and G from top to bottom. Fingerings are indicated below the strings: for the treble staff, 8, 9, 8, 12, 8, 12-11, 11-12-11; for the bass staff, 8, 8-12, 12. The music consists of two measures separated by a vertical bar line. The first measure has a single note on the 8th fret of the A string. The second measure starts with a note on the 10th fret of the T string, followed by a sequence of notes on the B and G strings at the 11th, 10th, 9th, and 9th frets respectively.

|○| | | | |○○| [1, 3, 2, 3]

A musical score for a guitar or similar stringed instrument. The top staff shows a treble clef and a six-string guitar neck with note heads and stems. The bottom staff shows a bass clef and a four-string bass neck with note heads and stems. The strings are labeled A, T, B, and G from top to bottom. Fingerings are indicated below the strings: for the treble staff, 8, 9, 8, 12, 8, 12-11-12; for the bass staff, 8, 9, 12, 11. The music consists of two measures separated by a vertical bar line. The first measure has a single note on the 8th fret of the A string. The second measure starts with a note on the 10th fret of the T string, followed by a sequence of notes on the B and G strings at the 11th, 10th, 11th, and 9th frets respectively.

|○| + |○| + |○| [1, 3, 2]

|○| + |○| + |○| [1, 2, 3]

|○| + |○| + |○| [1, 3, 2, 1]

|○| + |○| + |○| [1, 2, 3, 1]

| Θ | | Θ | | Θ | [1, 2, 3, 2]

| Θ | | Θ | | Θ | [1, 3, 2, 3]

| Θ | | Θ | | Θ | [1, 3, 2]

| Θ | | Θ | | Θ | [1, 2, 3]

|○| |○| |○| [1, 3, 2, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 11-8-12, 12-10, 11, 11-9, 10, 8-10, 9, 10-12, 9, 9-12, 9.

|○| |○| |○| [1, 2, 3, 1]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 11, 8, 12, 10-12, 11, 9-11, 10, 8-10, 9-12, 10, 9-12, 9.

|○| |○| |○| [1, 2, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 11, 11-12, 10-12, 10, 11, 9-11-9, 10, 8-10, 8, 9-12, 10, 9-12, 12.

|○| |○| |○| [1, 3, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8, 11, 8, 12, 10-12, 11, 11-9-11, 10, 10, 8, 10, 9, 10-12, 10, 9, 12, 9.

|○| |○| |○| [1, 3, 2]

Musical staff: Treble clef, two measures of sixteenth-note patterns.

Bass tab (A, A, B, B):

8	10-12	12	9-11	11-8	10	10-12
8	10-12	12	9-11	11-8	10	10-12

|○| |○| |○| [1, 2, 3]

Musical staff: Treble clef, two measures of sixteenth-note patterns.

Bass tab (A, A, B, B):

8	10-12	9-12-11	8-11	10-12	10-9-11	10-9-11
8	10-12	9-12-11	8-11	10-12	10-9-11	10-9-11

|○| |○| |○| [1, 3, 2, 1]

Musical staff: Treble clef, two measures of sixteenth-note patterns.

Bass tab (A, A, B, B):

8	10-8-12	12	9-11	11-8	10	12-10
8	10-8-12	12	9-11	11-8	10	12-10

|○| |○| |○| [1, 2, 3, 1]

Musical staff: Treble clef, two measures of sixteenth-note patterns.

Bass tab (A, A, B, B):

8	8-12	9-12	11	8-11	10-12	10
8	8-12	9-12	11	8-11	10-12	10

| \ominus —| \ominus —| | \ominus —| [1, 2, 3, 2]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8-10, 9-12, 9-11, 8-11-8, 10-12, 12, 9-11, 10, 9-11-11, 9.

| \ominus —| \ominus —| | \ominus —| [1, 3, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8-10, 8-12, 9-12-11, 11-8-11, 10-12, 10-9, 10-11, 9-11, 9.

| \ominus —| | \ominus — \ominus —| [1, 4, 2, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8-12, 9-12, 8, 11-12-11, 12-10-11, 10, 11-9-10-9, 11-9-10-9, 10-13, 10-9.

| \ominus —| | \ominus — \ominus —| [1, 2, 4, 3]

Musical staff showing a melodic line and a bass staff with fingerings for a triple chromatic scale group. The melodic line consists of sixteenth-note patterns. The bass staff shows fingerings for the notes: 8-12, 9-8, 11-12, 8-12-11, 10-12-11, 10, 9-11-10-9, 9-11-10-9, 13, 10-9.

|○| | | |○|○|○| [1, 3, 2, 4]

T
A
B
8-12 9-12 12-11 11-10-12 10

9-10

|○| | | |○|○|○| [1, 2, 3, 4]

T
A
B
8-12 9-12 11-12 11-10-12 10

9-10

|○| |○| | |○|○| [1, 3, 4, 2]

T
A
B
8-9 10-12 12-8 9-11 11-12-8 10

9-10

|○| |○| | |○|○| [1, 4, 3, 2]

T
A
B
9-8 10-12 8-12 9-11 12-11-8 10

10-9

|○| |○| | |○|○| [1, 4, 2, 3]

Musical staff with two measures. Fingerings: A (9, 8, 8, 9, 12, 11) and B (8-10, 12, 10, 12, 11-12, 11-10-9-11, 11-11, 10, 9, 11).

|○| |○| | |○|○| [1, 2, 4, 3]

Musical staff with two measures. Fingerings: A (8-10, 9, 8, 12, 10, 12, 11-12, 11-10-9-11) and B (8-10, 12, 10, 12, 11-12, 10-12, 11-10-9-11, 11-10, 9-11, 10-9).

|○| |○| | |○|○| [1, 3, 2, 4]

Musical staff with two measures. Fingerings: A (8, 10, 9, 12, 9, 11, 11-8-12) and B (8-10, 12, 10, 12, 11-8-12, 10-12, 10-11-9-11, 10, 11-9, 11, 9, 11, 10).

|○| |○| | |○|○| [1, 2, 3, 4]

Musical staff with two measures. Fingerings: A (8-10, 8, 9, 12, 8, 11, 8-11-12) and B (8-10, 12, 10, 12, 8-11-12, 10-12, 10-11-9-11, 10-11-9-11, 9-10).

Part II

Total Chromatic

14 | Introduction

The chapters in this part of the book contain patterns that cover all twelve notes. These will inevitably have very different applications from those in the previous part, at least for the majority of players, which is why I have separated them from those in the previous part. Slonimsky created his pattern-book for a modernist, post-tonal context but many musicians today still play music with some element of tonality as a reference-point, at least. For them pitch content makes a significant difference.

The chapters in this part are organised in terms of the interval that separates the notes in the base. Because we often use octave displacement in this book it makes sense to group inversions of intervals together, so that we look at the base formed by a succession of minor thirds in the same chapter as the one formed by a succession of major sixths. Although these do produce some different patterns, when you work with them in practice the results are likely to be similar, especially if you treat them improvisationally rather than as mechanical patterns to be repeated *verbatim*.

15

Major Second

15.1 Major Second

|○| | | | |○| | [1, 2, 1]

The sheet music consists of three parts:

- Staff 1 (Treble):** Shows a melody starting on G. Fingerings: 8, 8, 10, 10, 12, 12. Measures end with a vertical bar.
- Staff 2 (Bass):** Shows harmonic support. Fingerings: 8, 8, 10, 10, 12, 12. Measures end with a vertical bar.
- Staff 3 (Treble):** Continues the melody. Fingerings: 10, 10, 12, 12, 9, 9, 10, 9. Measures end with a vertical bar.

Fretboard Diagram: Located below the staffs, it shows a guitar neck with the following fingerings across the strings:
1st string: 8, 8
2nd string: 10, 10
3rd string: 12, 12
4th string: 9, 9
5th string: 11, 11
6th string: 11, 11

|○| | |○| + + | [1, 2, 1]

1

T A B 8-11-8-10-8-10-12-10-12 | 9-12-9-11-9-11-8-11-8

3

T A B 10-8-10-12-10-12-9-12-9 | 11-10-11-9-12-9-11-9-11

|○| + + | |○|○| [1, 3, 2]

T A B 8-9-8-10-11-10-8-12 | 9-10-9-11-12-11-8-9-8

3

T A B 10-11-10-9-12-9-11-10 | 11-13-12-9-10-9-11-12-11

|Θ| | | | |Θ|Θ| [1, 2, 3]

3

A

B

8 9 10 11 12 8 | 9 9 10 11 12 8 9

A

B

10 11 12 9 10 11 | 11 12 13 9 10 11 12

|Θ| | | | |Θ|Θ| [1, 3, 2, 1]

3

A

B

8 9 8 10 11 10 10 12 12 | 9 10 9 9 11 12 11 11 8 9 8 8

A

B

10 11 10 9 12 11 10 9 | 11 13 12 11 9 10 9 9 11 12 11 11

|○| | | | |○|○| [1, 2, 3, 1]

Treble clef staff:

A:

8	9	8	10	11	12	8
8	10	12	10	12	12	12

B:

8	9	8	10	11	12	8
8	10	12	10	12	12	12

Measures 3 and 4:

A:

10	11	12	9	10	11	9
10	12	12	9	11	12	11

B:

10	11	12	10	11	12	11
10	12	12	10	11	12	11

|○| | | | |○|○| [1, 2, 3, 2]

Treble clef staff:

A:

8	9	8	10	11	10	12	8
8	10	12	10	12	12	12	12

B:

8	9	8	10	11	10	12	8
8	10	12	10	12	12	12	12

Measures 3 and 4:

A:

10	11	10	12	9	12	9	10	11	10
10	12	12	9	12	9	10	11	10	12

B:

10	11	10	12	9	12	9	10	11	10
10	12	12	9	12	9	11	12	11	12

|○| | | | |○○| [1, 3, 2, 3]

Musical score for Major Second mode, Treble and Bass staves, measures 1-2.

Treble Staff:

- Measure 1: Notes on strings 4, 3, 2, 1. Fingerings: 1, 2, 3, 4, 5, 6, 7, 8.
- Measure 2: Notes on strings 4, 3, 2, 1. Fingerings: 1, 2, 3, 4, 5, 6, 7, 8.

Bass Staff:

- Measure 1: Notes on strings 5, 4, 3, 2, 1. Fingerings: 8, 9, 10, 11, 12, 8, 12, 8.
- Measure 2: Notes on strings 5, 4, 3, 2, 1. Fingerings: 9, 10, 9, 10, 11, 12, 11, 12, 8, 9, 8, 9.

|○| | |○| | |○| [1, 3, 2]

Musical score for Major Second mode, Treble and Bass staves, measures 3-4.

Treble Staff:

- Measure 3: Notes on strings 4, 3, 2, 1. Fingerings: 1, 2, 3, 4, 5, 6, 7, 8.
- Measure 4: Notes on strings 4, 3, 2, 1. Fingerings: 1, 2, 3, 4, 5, 6, 7, 8.

Bass Staff:

- Measure 3: Notes on strings 5, 4, 3, 2, 1. Fingerings: 10, 11, 10, 11, 12, 9, 12, 9, 11, 10, 11.
- Measure 4: Notes on strings 5, 4, 3, 2, 1. Fingerings: 11, 13, 12, 13, 9, 10, 9, 10, 11, 12, 11, 12.

|○| |○| + |○| [1, 2, 3]

|○| |○| + |○| [1, 3, 2, 1]

|○| |○| |○| [1, 2, 3, 1]

|○| |○| |○| [1, 2, 3, 2]

$$|\Theta| \quad [1, 3, 2, 3]$$

$$|\bullet| \text{---} |\bullet| \text{---} |\bullet| \quad [1, 3, 2]$$

Treble Clef Staff:

	8	8	11	10	10	8	12	12	10		
--	---	---	----	----	----	---	----	----	----	--	--

Bass Clef Staff:

8	9	9	12	11	11	9	8	11	8	
---	---	---	----	----	----	---	---	----	---	--

Measure 3:

10	10	8	12	12	10	9	10	12	11	11	9
----	----	---	----	----	----	---	----	----	----	----	---

|○| |○| |○| [1, 2, 3]

Musical score for Major Second mode, measure 1. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: **T** (thumb), **A** (index), and **B** (middle). The first measure has sixteenth-note patterns starting on the 8th fret of the A string and ending on the 11th fret of the E string. Fingerings: T-A-B-A-B-A.

T
A
B

8 11 8 10 8 10 12 10 12 10 12 | 9 12 9 11 9 11 8 11 8

|○| |○| |○| [1, 3, 2, 1]

Musical score for Major Second mode, measure 3. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: **T** (thumb), **A** (index), and **B** (middle). The first measure has sixteenth-note patterns starting on the 8th fret of the A string and ending on the 12th fret of the E string. Fingerings: T-B-A-B-A-B.

T
A
B

8 11 8 10 10 8 10 12 12 10 12 | 9 9 12 9 11 11 9 11 8 11 8

T
A
B

10 8 10 12 12 10 12 9 10 12 9 | 11 12 10 11 9 9 12 9 11 11 9 11

|○| |○| |○| [1, 2, 3, 1]

|○| |○| |○| [1, 2, 3, 2]

|○| |○| |○| [1, 3, 2, 3]

|○| |○| |○| [1, 2, 3]

|○| |○| | |○| | [1, 3, 2, 1]

|○| |○| | |○| | [1, 2, 3, 1]

|○| |○| | |○| | [1, 3, 2, 3]

Treble clef

A

B

8 10 8 10 10 12 10 12 9 12 | 9 9 11 9 11 11 8 11 8 10 8

A

B

8 10 12 10 12 12 9 12 9 10 10 | 11 12 9 12 9 9 11 9 11 11 13

3

|○| | | |○|○|○| [1, 3, 4, 2]

Treble clef

A

B

8 9 12 10 10 11 9 12 12 11 | 9 9 10 8 11 11 12 10 8 8 9 12

A

B

8 10 11 9 12 9 11 9 10 11 9 | 11 12 13 11 9 9 10 13 11 11 12 10

3

|○| | | |○|○|○| [1, 4, 3, 2]

T
A
B

8-9-8-12-10-11-10-9-12 8-12-11

9-10-9-8-11-12-11-10-8-9-12

3
T
A
B

10-11-10-9-12-12-11-9-11-10-9 11-13-12-11-9-10-9-13-11-12-11-10

|○| | | |○|○|○| [1, 4, 2, 3]

T
A
B

8-9-12-10-11-9-10-12 8-11-12

9-10-8-9-11-12-10-11-8-9-12

3
T
A
B

10-11-9-10-12-12-11-9-11-10-9 11-13-11-12-9-10-13-9-11-12-10-11

|○| | | |○|○|○| [1, 2, 4, 3]

|○| | | |○|○|○| [1, 3, 2, 4]

|○| | | |○|○|○| [1, 2, 3, 4]

3

T

A

B

8-12 9-10 11-12 11-12 8 9-10 10-11-12 8-12 9-10 11-12 8-9

9-10-11-12-13-9-13 9-10-11-12

|○| | |○| |○|○| [1, 3, 4, 2]

T

A

B

8-9 11-10 10-11-8 12-10 8-12 10-11-8 12-11 9-10 12-11 8-9 11-12

10-11-8 12-10 9-10-11-12 11-12-13-10-9 9-10-11-12-11 11-12-13-10-9

|○| |○| |○|○| [1, 4, 3, 2]

|○| |○| |○|○| [1, 4, 2, 3]

| Θ —| | Θ —| Θ | Θ —| [1, 2, 4, 3]

Treble clef staff:

Measure 1:

Measure 3:

Staff A:

Measure 1: 8-11-9-8-10-8-11-10-12-10-8-12 | 9-12-10-9-11-9-12-11-8-11-9-8

Measure 3: 10-8-11-10-12-10-9-12-9-12-11-10 | 11-10-13-12-9-12-10-9-11-9-12-11

Staff B:

Measure 1: 8-11-10-12-10-9-12-9-12-11-10 | 9-12-10-11-9-12-8-9-11

Measure 3: 10-8-11-12-12-10-9-10-12-11 | 11-12-10-13-9-12-10-11-9-12

| Θ —| | Θ —| Θ | Θ —| [1, 3, 2, 4]

Treble clef staff:

Measure 1:

Measure 3:

Staff A:

Measure 1: 8-11-9-10-10-8-11-12-10-8 | 9-9-12-10-11-11-9-12-8-9-11

Measure 3: 10-8-11-12-12-10-9-10-12-11 | 11-12-10-13-9-12-10-11-9-12

Staff B:

Measure 1: 8-11-10-12-12-10-9-10-12-11 | 11-12-10-13-9-12-10-11-9-12

Measure 3: 10-8-11-12-12-10-9-10-12-11 | 11-12-10-13-9-12-10-11-9-12

| Θ —| | Θ —| | Θ | Θ — [1, 2, 3, 4]

Musical score for Major Second mode, Treble and Bass staves, measures 1-3.

Treble Staff:

- Measure 1: $\Theta\# \Theta \# \Theta \#$
- Measure 2: $\# \Theta \# \Theta \#$
- Measure 3: $\# \Theta \# \Theta \#$

Bass Staff:

- Measure 1: $\begin{matrix} \mathcal{T} \\ A \end{matrix}$ 8-11 8-9 10-8 10-11 11-12 12-10 10-8
- Measure 2: $\begin{matrix} \mathcal{T} \\ A \end{matrix}$ 9-12 9-10 11-9 11-12 12-8 11-9 10-8
- Measure 3: $\begin{matrix} \mathcal{T} \\ A \end{matrix}$ 10-8 10-11 11-12 12-10 10-9 12-9 11-10 10-9 11-12

| Θ —| Θ —| | Θ | Θ — [1, 4, 2, 3]

Musical score for Major Second mode, Treble and Bass staves, measures 4-6.

Treble Staff:

- Measure 4: $\# \Theta \# \Theta \#$
- Measure 5: $\# \Theta \# \Theta \#$
- Measure 6: $\# \Theta \# \Theta \#$

Bass Staff:

- Measure 4: $\begin{matrix} \mathcal{T} \\ B \end{matrix}$ 8-9 10-8 10-11 12-10 10-8 8-9 12-10 10-8
- Measure 5: $\begin{matrix} \mathcal{T} \\ B \end{matrix}$ 9-10 11-9 11-12 8-11 11-8 9-10 10-8
- Measure 6: $\begin{matrix} \mathcal{T} \\ B \end{matrix}$ 10-11 12-10 9-11 12-9 11-10 11-13 9-12 10-9 11-12 13-11

| Θ —| Θ —| | Θ | Θ — [1, 2, 4, 3]

| Θ —| Θ —| | Θ | Θ — [1, 3, 2, 4]

|○| |○| | |○|○| [1, 2, 3, 4]

Sheet music for Minor Seventh mode, staff 1. Treble clef, common time. Fingerings: 8-10, 8-9, 10-12, 10-11, 12, 9-12, 8; 9-11, 9-10, 11, 8-11-12-8-10, 8-9.

Sheet music for Minor Seventh mode, staff 2. Treble clef, common time. Fingerings: 10-12, 10-11, 12, 9-12, 9-11, 10-11; 11, 9-12-13-9-11, 9-10, 11-13, 11-12.

15.2 Minor Seventh

|○| | | | |○| | [1, 2, 1]

Sheet music for Minor Seventh mode, staff 1. Treble clef, common time. Fingerings: 8, 8, 9-9; 11-12-11-9, 10, 9-12, 12-12.

|○| | |○| | | | [1, 2, 1]

Sheet music for Minor Seventh mode, staff 1. Treble clef, common time. Fingerings: 8-11-8, 9-12-9; 11-10, 11-11-9-12-9, 12-10, 12-12.

|θ| | | | |θ|θ| [1, 3, 2]

A musical score for a guitar or similar stringed instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the strings A (top), D, G, and B (bottom). The first measure has fingerings 8-9-8-9. The second measure has fingerings 11-13-12-9-11-10-9-12. The third measure has fingerings 12.

|θ| | | | |θ|θ| [1, 2, 3]

A musical score for a guitar or similar stringed instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the strings A (top), D, G, and B (bottom). The first measure has fingerings 8-9-8-9. The second measure has fingerings 11-12-13-9-10-11-9-12. The third measure has fingerings 12.

|θ| | | | |θ|θ| [1, 3, 2, 1]

A musical score for a guitar or similar stringed instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the strings A (top), D, G, and B (bottom). The first measure has fingerings 8-9-8-8. The second measure has fingerings 11-13-12-11-9-11-10-9-12-12. The third measure has fingerings 12.

|θ| | | | |θ|θ| [1, 2, 3, 1]

A musical score for a guitar or similar stringed instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the strings A (top), D, G, and B (bottom). The first measure has fingerings 8-9-8-8. The second measure has fingerings 11-12-13-11-9-10-11-9-12-12. The third measure has fingerings 12.

|○| | | | |○|○| [1, 2, 3, 2]

|○| | | | |○|○| [1, 3, 2, 3]

|○| | |○| | |○| [1, 3, 2]

|○| | |○| | |○| [1, 2, 3]

|○| |○| |○| [1, 3, 2, 1]

Musical score for the first pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-9, 11-8. The second measure has fingerings 9-12-9, 10. The third measure has fingerings 11-13-10, 11-9, 11-12-9, 12, 9-10, 12.

|○| |○| |○| [1, 2, 3, 1]

Musical score for the second pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-11-9, 8. The second measure has fingerings 9-12-10, 9. The third measure has fingerings 11-10-13, 11-9-12, 11-9, 10-12.

|○| |○| |○| [1, 2, 3, 2]

Musical score for the third pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-11-9, 11. The second measure has fingerings 9-12-12, 10. The third measure has fingerings 11-10-13-10, 9-12-12, 10-12, 9-10.

|○| |○| |○| [1, 3, 2, 3]

Musical score for the fourth pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-9, 11. The second measure has fingerings 9-10-12, 10, 10. The third measure has fingerings 11-13-10-13, 9-11-12-11, 9-10, 9.

|○| |○| |○| [1, 3, 2]

T
A
B

8 8 11 9-12 | 11-12 10 9 12 12 10

8 11

|○| |○| |○| [1, 2, 3]

T
A
B

8 11 8 9-12 | 11 10-12 9-12 10 12 10-12

|○| |○| |○| [1, 3, 2, 1]

T
A
B

8 11-8 9-12-9 | 11 12-10 11-9 10 12-9 12 12-10 12

|○| |○| |○| [1, 2, 3, 1]

T
A
B

8 11 8 9-12-9 | 11 10-12 11-9-12 10 9 12-10 12

|○| |○| |○| [1, 2, 3, 2]

Musical score for the first pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-11-11. The second measure has fingerings 9-12-12, 11-10-12-10, 9-12-12, and 10-12-10.

|○| |○| |○| [1, 3, 2, 3]

Musical score for the second pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-8-11. The second measure has fingerings 9-12-9, 11-12-10-12, 9-10-10, and 12-10-12.

|○| |○| |○| [1, 3, 2]

Musical score for the third pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-10. The second measure has fingerings 9-11, 11-12-9, 9-10-11, and 12-9.

|○| |○| |○| [1, 2, 3]

Musical score for the fourth pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument: strings A and B. The first measure has fingerings 8-10. The second measure has fingerings 9-11-9, 11-9-12-10, 9-11-12, and 9-12.

|○| |○| | |○| [1, 3, 2, 1]

|○| |○| | |○| [1, 2, 3, 1]

|○| |○| | |○| [1, 2, 3, 2]

|○| |○| | |○| [1, 3, 2, 3]

|○| | | |○|○|○| [1, 3, 4, 2]

A musical score for a string instrument, likely a guitar, featuring a treble clef staff and two bass staves labeled A and B. The treble staff has sixteenth-note patterns. The bass staves show fingerings: A staff has 8-9-12, 8-9-12, 9-10-13; B staff has 8-9-12, 8-9-12, 11-12-13-11-9-10-11-9-12-11. Measures are separated by vertical bar lines.

|○| | | |○|○|○| [1, 4, 3, 2]

A musical score for a string instrument, likely a guitar, featuring a treble clef staff and two bass staves labeled A and B. The treble staff has sixteenth-note patterns. The bass staves show fingerings: A staff has 8-9-8-12, 9-8-12, 10-9-13; B staff has 8-9-12, 9-8-12, 11-13-12-11-9-11-10-9-12-11. Measures are separated by vertical bar lines.

|○| | | |○|○|○| [1, 4, 2, 3]

A musical score for a string instrument, likely a guitar, featuring a treble clef staff and two bass staves labeled A and B. The treble staff has sixteenth-note patterns. The bass staves show fingerings: A staff has 8-9-12, 8-9-12, 9-10-13; B staff has 8-9-12, 9-8-12, 11-13-11-12-11-9-10-9-12-11-12. Measures are separated by vertical bar lines.

|○| | | |○|○|○| [1, 2, 4, 3]

A musical score for a string instrument, likely a guitar, featuring a treble clef staff and two bass staves labeled A and B. The treble staff has sixteenth-note patterns. The bass staves show fingerings: A staff has 8-12, 9-8-12, 9-8-13, 10-9; B staff has 8-12, 9-8-12, 11-13-12-9-9-11-10-9-12-11-12. Measures are separated by vertical bar lines.

|○| | | |○|○|○| [1, 3, 2, 4]

|○| | | |○|○|○| [1, 2, 3, 4]

|○| | |○| |○|○| [1, 3, 4, 2]

|○| | |○| |○|○| [1, 4, 3, 2]

| \ominus || | \ominus || \ominus \ominus || [1, 4, 2, 3]

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows a sixteenth-note pattern. The bottom two staves show fingerings: T string has 9-11; A string has 8-11, 9-11, 8-11; B string has 8-11. The measure ends with a vertical bar line.

| \ominus || | \ominus || \ominus \ominus || [1, 2, 4, 3]

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows a sixteenth-note pattern. The bottom two staves show fingerings: T string has 9-12, 10-9; A string has 8-11, 9-11, 8-11; B string has 8-11. The measure ends with a vertical bar line.

| \ominus || | \ominus || \ominus \ominus || [1, 3, 2, 4]

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows a sixteenth-note pattern. The bottom two staves show fingerings: T string has 9-12, 9-10; A string has 8-11, 9-11; B string has 8-11. The measure ends with a vertical bar line.

| \ominus || | \ominus || \ominus \ominus || [1, 2, 3, 4]

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows a sixteenth-note pattern. The bottom two staves show fingerings: T string has 9-12, 9-10; A string has 8-9, 8-11; B string has 8-11. The measure ends with a vertical bar line.

| \ominus | | \ominus | | | \ominus | | \ominus | [1, 3, 4, 2]

T
A
B

8 9 10 | 11 12-13 9 9 10-11 11 12 9

8 9 10 | 11 12 9 12 9

| \ominus | | \ominus | | | \ominus | | \ominus | [1, 4, 3, 2]

T
A
B

8 9 8 10 | 11 13-12 9 9 11-10 11 9 12 9

8 9 8 10 | 11 12 9 12 9

| \ominus | | \ominus | | | \ominus | | \ominus | [1, 4, 2, 3]

T
A
B

8 9 8 10 | 11 13-9-12 9 11 10 9 12 9

8 9 8 10 | 11 12 9 12 9

| \ominus | | \ominus | | | \ominus | | \ominus | [1, 2, 4, 3]

T
A
B

8 9 8 10 | 11 9-13-12 9-11 11-10 12 9 12

8 9 8 10 | 11 12 9 12 9

|○| |○| | |○|○| [1, 3, 2, 4]

A musical score for a guitar or similar instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has three horizontal lines labeled A, B, and C, representing different fingerings. Fingerings are indicated by numbers above the staff: A has 8-10, 8-9, 8-10; B has 8-10, 8-9; C has 9-11, 9-10, 11-12, 9-13, 9-11, 10-11, 11-12, 12-9, 9.

|○| |○| | |○|○| [1, 2, 3, 4]

A musical score for a guitar or similar instrument, continuing from the previous pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has three horizontal lines labeled A, B, and C, representing different fingerings. Fingerings are indicated by numbers above the staff: A has 8-9, 8-10, 9-11, 9-10; B has 8-10, 8-9; C has 11-9-12-13, 9-11, 10-11, 12-9, 9-12, 9.

16

Minor Third

16.1 Minor Third

|θ| |θ| |θ| + + [1, 3, 2]

T
A
B

8-12-10-11 10-8-9 11-12 12-11 | 10-9-12 8-12-10-11 11-9-10 12-9

|θ| |θ| |θ| + + [1, 2, 3]

T
A
B

8-10-12-11 8-10-9-11 12-11 | 10-12-9-8-10-12-11 9-11-10-12-9

|○| |○| |○| + [1, 3, 2, 1]

|○| |○| |○| + [1, 2, 3, 1]

|○| |○| |○| + [1, 2, 3, 2]

|○| |○| |○| + [1, 3, 2, 3]

|○| | | |○|○|○| [1, 3, 4, 2]

T
A
B

8 9 12-11 11-12-10-9 9-10 8 12 11 10 10-11-9 8 9-10 12-11 12-13-11-10 10-11-9

|○| | | |○|○|○| [1, 4, 3, 2]

T
A
B

8 9 8 12 11 12 11 10 9 10 9 8 12 12 11 8 12 11

² T
A
B

10 11 10 9 8 10 9 12 11 13 12 11 10 11 10 9

|○| | | |○|○|○| [1, 4, 2, 3]

1

A

B

8 9 12 8 11 12 10 11 9 10 8 9 12 11 12

2

A

B

10 11 9 10 8 10 12 9 11 13 11 12 10 11 9 10

|○| | | |○|○|○| [1, 2, 4, 3]

1

A

B

8 12 9 8 11 10 12 11 9 8 10 9 12 11 12

2

A

B

10 9 11 10 8 12 10 9 11 13 12 10 9 11 10

|○| | | |○|○|○| [1, 3, 2, 4]

|○| | | |○|○|○| [1, 2, 3, 4]

|○| |○| |○| |○| [1, 3, 4, 2]

|○| |○| |○| |○| [1, 4, 3, 2]

|○| |○| |○| |○| [1, 4, 2, 3]

Musical staff showing a melodic line and fingerings for a minor third pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note pairs and sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note: 9, 10, 8, 9, 11, 10, 12, 11, 10, 12, 11, 13, 9, 11, 10, 11, 12, 9.

|○| |○| |○| |○| [1, 2, 4, 3]

Musical staff showing a continuation of the melodic line and fingerings for a minor third pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note pairs and sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note: 8, 10, 9, 12, 11, 8, 12, 10, 9, 11, 10, 8, 12, 9, 8, 11, 2, 10, 12, 11, 9, 8, 10, 10, 12, 11, 9, 13, 11, 10, 12, 11, 12, 11, 9.

|○| |○| |○| |○| [1, 3, 2, 4]

Musical staff showing a continuation of the melodic line and fingerings for a minor third pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note pairs and sixteenth-note patterns. Fingerings below the staff indicate specific fingerings for each note: 8-12, 10, 9, 10, 8, 12, 9, 8, 11, 10, 11, 9, 8, 10, 12, 11, 9, 10, 11, 8, 12, 10, 11, 10, 11, 9, 13, 10, 11, 12, 11, 12, 9, 11.

|○| |○| |○| |○| [1, 2, 3, 4]

1

T
A
B

8-10-12 9-11 8-10-12 9-11 8-10-12 9-11 8-10-12 9-11

2

T
A
B

10-12 9-11-8-10-12-10-11 9-11-13-10-12 9-11

16.2 Major Sixth

|○| |○| |○| |+| [1, 3, 2]

T
A
B

8-12-10 11-9 11-9 8-12-10

|○| |○| |○| |+| [1, 2, 3]

T
A
B

8-10-12 9-11 11-9 8-10-12

|○| |○| |○| + | [1, 3, 2, 1]

Melody: |○| |○| |○| + | [1, 3, 2, 1]

Bass (A): 8-12-10-8, 12, 11-9, 11, 11-9, 11-8-12-10-8

Bass (B): 8-12-10-8, 12, 11-9, 11, 11-8-12-10-8

|○| |○| |○| + | [1, 2, 3, 1]

Melody: |○| |○| |○| + | [1, 2, 3, 1]

Bass (A): 8-10-12-8, 12, 9-11, 11, 9-11, 11-8-10-12-8

Bass (B): 8-10-12-8, 12, 9-11, 11, 9-11, 11-8-10-12-8

|○| |○| |○| + | [1, 2, 3, 2]

Melody: |○| |○| |○| + | [1, 2, 3, 2]

Bass (A): 8-10-12-10, 12, 9-11-9, 11, 9-11-9, 11-8-10-12-10

Bass (B): 8-10-12-10, 12, 9-11-9, 11, 9-11-9, 11-8-10-12-10

|○| |○| |○| + | [1, 3, 2, 3]

Melody: |○| |○| |○| + | [1, 3, 2, 3]

Bass (A): 8-12-10-12, 12, 11-9-11, 11, 11-9-11, 11-8-12-10-12

Bass (B): 8-12-10-12, 12, 11-9-11, 11, 11-9-11, 11-8-12-10-12

|○| | | |○|○|○| [1, 3, 4, 2]

|○| | | |○|○|○| [1, 4, 3, 2]

|○| | | |○|○|○| [1, 4, 2, 3]

|○| | | |○|○|○| [1, 2, 4, 3]

|○| | | |○|○|○| [1, 3, 2, 4]

Treble clef staff: Sixteenth-note patterns.

Bass staff (labeled A, B, G from top to bottom):

- String A: 8-11, 12-11, 8-11, 12-11
- String B: 8-12, 9-12, 11-12
- String G: 8-12

|○| | | |○|○|○| [1, 2, 3, 4]

Treble clef staff: Sixteenth-note patterns.

Bass staff (labeled A, B, G from top to bottom):

- String A: 8-11, 11-12-13, 8-12, 9-10
- String B: 8-9-12, 11-12
- String G: 8-12

|○| |○| |○| |○| [1, 3, 4, 2]

Treble clef staff: Sixteenth-note patterns.

Bass staff (labeled A, B, G from top to bottom):

- String A: 8-11, 11-13-9, 8-12, 10
- String B: 9-12
- String G: 8-12-10

|○| |○| |○| |○| [1, 4, 3, 2]

Treble clef staff: Sixteenth-note patterns.

Bass staff (labeled A, B, G from top to bottom):

- String A: 8-11, 13-11-9, 8-10
- String B: 11-9
- String G: 12-10

|○| |○| |○| |○| [1, 4, 2, 3]

Treble clef, 16th-note patterns. Fingerings: A8, 9-11, 13-9-11-8-10, 10-12; B8-10-12.

|○| |○| |○| |○| [1, 2, 4, 3]

Treble clef, 16th-note patterns. Fingerings: A8-10, 9-11, 9-13-11-8-10-12; B9-12.

|○| |○| |○| |○| [1, 3, 2, 4]

Treble clef, 16th-note patterns. Fingerings: A8-11, 11-9-8-13, 8-12-10; B8-12-10, 9-12.

|○| |○| |○| |○| [1, 2, 3, 4]

Treble clef, 16th-note patterns. Fingerings: A8-11, 9-11-13-8-10-12; B8-10-12, 9-12.

17

Major Third

17.1 Major Third

|θ| |θ| |θ|θ| [1, 3, 4, 2]

The music staff consists of two parts separated by a vertical bar. The left part starts with a treble clef, a key signature of one sharp (F#), and a common time signature. It contains six measures of sixteenth-note patterns. The right part starts with a bass clef, a key signature of one sharp (F#), and a common time signature. It contains four measures of sixteenth-note patterns. Below the staff, the Tonic (T) and Bass (B) staves show fingerings: Tonic (T) has 8-9-12-10-11-11-12-9; Bass (B) has 8-11-12. Above the staff, the sequence of notes is labeled: 10-11-8-9, 10-11-12, 9-10-12.

|θ| |θ| |θ|θ| [1, 4, 3, 2]

The music staff consists of two parts separated by a vertical bar. The left part starts with a treble clef, a key signature of one sharp (F#), and a common time signature. It contains six measures of sixteenth-note patterns. The right part starts with a bass clef, a key signature of one sharp (F#), and a common time signature. It contains four measures of sixteenth-note patterns. Below the staff, the Tonic (T) and Bass (B) staves show fingerings: Tonic (T) has 8-12-11-10-9-11-10-8; Bass (B) has 8-11-12. Above the staff, the sequence of notes is labeled: 11-10-8-9, 11-10-12, 9-10-12.

| \ominus | | \ominus | \ominus \ominus | [1, 4, 2, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with two measures of notes. The bass staff has labels A and B above the first measure, and a bracket below the second measure. The notes are numbered 8 through 12 under the bass staff.

Bass Notes:

8	9	11	8	12	11	12	9	11	10	11	8	10	9	12	10	9
---	---	----	---	----	----	----	---	----	----	----	---	----	---	----	----	---

| \ominus | | \ominus | \ominus \ominus | [1, 2, 4, 3]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with two measures of notes. The bass staff has labels A and B above the first measure, and a bracket below the second measure. The notes are numbered 8 through 12 under the bass staff.

Bass Notes:

8	11	9	8	10	8	12	11	9	12	11	10	8	11	10	9	12	11	10	9
---	----	---	---	----	---	----	----	---	----	----	----	---	----	----	---	----	----	----	---

| \ominus | | \ominus | \ominus \ominus | [1, 3, 2, 4]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with two measures of notes. The bass staff has labels A and B above the first measure, and a bracket below the second measure. The notes are numbered 8 through 12 under the bass staff.

Bass Notes:

8	11	9	12	10	8	11	9	12	10	8	11	9	12	10	9	12	11	10
---	----	---	----	----	---	----	---	----	----	---	----	---	----	----	---	----	----	----

| \ominus | | \ominus | \ominus \ominus | [1, 2, 3, 4]

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with two measures of notes. The bass staff has labels A and B above the first measure, and a bracket below the second measure. The notes are numbered 8 through 12 under the bass staff.

Bass Notes:

8	11	8	9	12	10	12	8	11	12	10	8	10	11	9	12	10	11	9	12
---	----	---	---	----	----	----	---	----	----	----	---	----	----	---	----	----	----	---	----

17.2 Minor Sixth

| Θ —| Θ —| Θ — Θ — [1, 3, 4, 2]

T
A
B
8—9—11—11-12—9—10-11—12

| Θ —| Θ —| Θ — Θ — [1, 4, 3, 2]

T
A
B
9—8—11—12-11-9—9—11-10—12

| Θ —| Θ —| Θ — Θ — [1, 4, 2, 3]

T
A
B
8—11—9—12-9-11—9—11-10—12

| Θ —| Θ —| Θ — Θ — [1, 2, 4, 3]

T
A
B
8—11—9—8-11—9-12-11—9-12—11-10

| Θ —| | Θ | | Θ | Θ | [1, 3, 2, 4]

A musical staff in G major (one sharp) with a treble clef. It contains a melodic line consisting of eighth and sixteenth notes. The notes are primarily black with some white ones, and stems extend both up and down. Below the staff, there are two sets of horizontal lines labeled A and B. Set A has notes at positions 8, 9, 11, 12, 9, 10, and 11. Set B has notes at positions 8, 11, 9, 11, 11-9-12, 9, 12, and 10-11.

| Θ —| | Θ | | Θ | Θ | [1, 2, 3, 4]

A musical staff in G major (one sharp) with a treble clef. It contains a melodic line consisting of eighth and sixteenth notes. The notes are primarily black with some white ones, and stems extend both up and down. Below the staff, there are two sets of horizontal lines labeled A and B. Set A has notes at positions 8, 11, 9, 11, 9-12, 10-11, and 12. Set B has notes at positions 8, 9, 11, 9, 11-12, 9, 12, and 10-11.

18

Fourth

18.1 Fourth

|Θ| - - - - |Θ| [1, 2, 1]

The musical score consists of two staves, A and B, each with a treble clef and a key signature of one sharp (G major). The music is divided into 12 measures by vertical bar lines. Measures 1-4 and 6-12 begin with a 12th position blues scale. Measures 5 and 10 begin with a G major chord. Measures 7 and 9 begin with a D major chord. Measures 8 and 11 begin with an E major chord. Measure 12 begins with an A major chord. Tablature is provided below each staff, indicating fingerings and string numbers. For example, in measure 1, the first note on staff A is at the 8th fret of the 6th string. In measure 5, the first note on staff A is at the 8th fret of the 5th string.

|○| + + |○+| [1, 2, 1]

|○| + + |○+| [1, 2, 1]

|○| |○| + + [1, 2, 1]

T
A
B

8 11 8 8 11 8 8 11 8 | 8 11 8 9 12 9 11 11

3
T
A
B

11 10 12 12 10 9 12 9 10 13 10 12 10 12 12 11 12 | 12 10 12 12 11 12

|○| |○| + + [1, 2, 1]

T
A
B

8 10 8 8 10 8 8 10 8 | 8 10 8 9 11 9 11 8 11 11

3
T
A
B

11 9 11 12 9 12 9 11 9 10 12 10 12 9 12 12 10 12 | 12 9 12 12 10 12

| Θ —| | | | | Θ — Θ —| [1, 2, 3]

The musical score consists of two staves of guitar tablature. The top staff shows a sixteenth-note pattern starting on the first string. The bottom staff shows a continuous eighth-note pattern. Fingerings are indicated above the strings: 'A' and 'B' on the first staff, and 'A' and 'B' on the second staff. The tablature uses standard six-line notation with vertical bar lines indicating measure boundaries.

| Θ —| | | | | Θ — Θ —| [1, 3, 2, 1]

The musical score consists of two staves of guitar tablature. The top staff shows a sixteenth-note pattern starting on the first string. The bottom staff shows a continuous eighth-note pattern. Fingerings are indicated above the strings: 'A' and 'B' on the first staff, and 'A' and 'B' on the second staff. The tablature uses standard six-line notation with vertical bar lines indicating measure boundaries.

| Θ —| | | | Θ | Θ | [1, 2, 3, 1]

1

A

B

3

A

B

| Θ —| | | | Θ | Θ | [1, 3, 2, 3]

1

A

B

3

A

B

|○| | | |○| |○| [1, 3, 2]

1

T

A

B

8 9 12 8 9 12 8 9 12 | 8 10 12 9 13 10
11 12 10

3

T

A

B

11 13 11 12 13 11 9 11 9 | 10 11 9 9 11 12 9 12

|○| | | |○| |○| [1, 2, 3]

1

T

A

B

8 12 9 8 12 9 8 12 | 8 12 10 9 13 10
11 10 12

3

T

A

B

11 13 12 11 13 9 9 11 | 10 9 11 12 11 9 12 9

|○| | | |○| |○| [1, 3, 2, 1]

1

T
A
B

8 9 12 8 8 9 12 8 8 9 12 8 | 8 10 12 8 9 10 13 9 11 12 10 11

3

T
A
B

11 13 11 11 12 13 11 12 9 11 9 9 | 10 11 9 10 9 12 11 12 12 12 12

|○| | | |○| |○| [1, 2, 3, 1]

1

T
A
B

8 12 9 8 8 12 9 8 8 12 9 8 | 8 12 10 8 9 13 10 9 11 10 12 11

3

T
A
B

11 11 13 11 12 11 13 12 9 9 11 9 | 10 9 11 10 12 11 9 12 12 12 12

|○| | | |○| |○| [1, 2, 3, 2]

1

A

B

3

A

B

|○| | | |○| |○| [1, 3, 2, 3]

1

A

B

3

A

B

|○| |○| |○| [1, 3, 2]

|○| |○| |○| [1, 2, 3]

|○| |○| |○| [1, 3, 2, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves of guitar tablature. The top staff shows a repeating eighth-note pattern: |○| |○| |○|. The bottom staff has two parts labeled A and B. Part A starts at the 8th fret of the 6th string and continues with 9, 8, 11-8, 8, 9, 11-8. Part B starts at the 8th fret of the 6th string and continues with 10, 11-8, 9, 12-9, 11, 12-9, 11-11. The tablature uses a standard six-string guitar notation with the 6th string at the bottom.

|○| |○| |○| [1, 2, 3, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves of guitar tablature. The top staff shows a repeating eighth-note pattern: |○| |○| |○|. The bottom staff has two parts labeled A and B. Part A starts at the 8th fret of the 6th string and continues with 11, 9, 8, 8, 11-8, 9, 8. Part B starts at the 8th fret of the 6th string and continues with 10, 11-8, 9, 12-9, 10, 9, 11-12, 11. The tablature uses a standard six-string guitar notation with the 6th string at the bottom. The score includes a measure number '3' at the beginning of the second staff.

|○| |○| |○| [1, 2, 3, 2]

3

Treble clef

Staff A: 8-11-9-11, 9-12-11, 8-11-10-11-9-12-12-10, 11-9-12-9

Staff B: 11-10-13-10-12, 9-12-11-12, 10-13-11-13, 10-9-10-12-11-9-11

|○| |○| |○| [1, 3, 2, 3]

3

Treble clef

Staff A: 8-9-9-8-9-11-9, 8-10-11-10-9-12-10, 11-12-9-12

Staff B: 13-10-13-12, 9-11-12-11, 10-11-13-11, 9-10-9-12, 12, 9-11-9

|○| |○| |○| [1, 3, 2]

1

T
A
B

8 11 8 11 8 11 | 8 9 11 9 12 11 11 9

3

T
A
B

11 12 10 12 12 10 9 10 12 | 10 10 13 12 10 12 13 11

|○| |○| |○| [1, 3, 2, 1]

3

T
A
B

8 11 8 11 8 11 8 | 8 9 11 8 9 12 9 11 11 9

3

T
A
B

11 12 10 12 12 10 12 9 10 12 9 | 10 10 13 10 12 12 10 12 13 11 12

|○+| +○| +○+| [1, 2, 3, 1]

Treble Clef Staff:

Bass Clef Staff:

Fingerings (Bass Clef):

8-11-8 8-11-8 8-11-8 | 8-11 9-8 9-12-9 9-11-11

3 Treble Clef Staff:

Bass Clef Staff:

Fingerings (Bass Clef):

11-10-12-11-12-12-10-9 | 10-13-10-12-12-11-13-12

|○+| +○| +○+| [1, 2, 3, 2]

Treble Clef Staff:

Bass Clef Staff:

Fingerings (Bass Clef):

8-11-11-8-11-8-11 | 8-11-9-11-9-12-12-9-11-9

3 Treble Clef Staff:

Bass Clef Staff:

Fingerings (Bass Clef):

11-10-12-10-12-10-12-10 | 10-13-10-13-12-10-12-11-13-11

|○| |○| | + |○| [1, 3, 2]

|○| |○| | + |○| [1, 2, 3]

|○| |○| | | |○| [1, 3, 2, 1]

Staff A:

8	10	8	8	10	8
9	10	8	9	10	8

Staff B:

8	10	8	8	10	8
9	10	8	9	10	8

Measure 3:

Staff A:

11	13	9	11	12	13	9
11	13	9	11	12	13	9

Staff B:

10	11	12	10	9	10	12
12	9	12	10	12	10	12

|○| |○| | | |○| [1, 2, 3, 1]

Staff A:

8	10	8	8	10	9
9	10	8	9	10	9

Staff B:

8	10	8	8	10	9
9	10	8	9	10	8

Measure 3:

Staff A:

11	9	13	11	12	9	13	12
11	9	13	11	12	9	13	12

Staff B:

10	12	11	10	9	10	12	10
12	9	12	10	12	10	12	9

|○| |○| | | |○| [1, 2, 3, 2]

The music consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes, and string numbers are written below the staff. The first measure shows a pattern of eighth and sixteenth notes. The second measure starts with a sharp sign. The third measure begins with a bass note. The fourth measure continues with a bass note. The fifth measure starts with a sharp sign.

Staff 1 (Treble Clef):

- Measure 1: 8-10, 9-10, 8-10, 9-10
- Measure 2: 8-10, 10, 9-11, 10, 11-12, 8-12, 8

Staff 2 (Bass Clef):

- Measure 1: 8-10, 10, 9-10, 8-10, 9-10, 10-11, 11-12, 11
- Measure 2: 9-13, 9-12, 9-13, 9, 9-11, 11, 10-12, 12, 12, 9, 9-12, 10, 9-10

|○| |○| | | |○| [1, 3, 2, 3]

The music consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes, and string numbers are written below the staff. The first measure shows a pattern of eighth and sixteenth notes. The second measure starts with a sharp sign. The third measure begins with a bass note. The fourth measure continues with a bass note. The fifth measure starts with a sharp sign.

Staff 1 (Treble Clef):

- Measure 1: 8-10, 9-10, 9-8, 10, 9-10, 8-9, 10-9
- Measure 2: 8-10, 10, 10, 9, 10, 11, 10, 11-12, 8-12, 11

Staff 2 (Bass Clef):

- Measure 1: 8-10, 9-10, 9-8, 10, 9-10, 8-9, 10-9, 9-10, 10-11, 11-12, 12, 12, 9, 9-12, 10, 9-10
- Measure 2: 11-13, 9-13, 12, 13-9-13, 9-11, 11, 10-11, 12, 11, 9, 9-12, 10, 9-10

|○| |○| | |○| [1, 3, 2]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. Fingerings are indicated above the notes: in the first measure, the first note has a '1' and the second note has a '3'; in the second measure, the first note has a '2' and the second note has a '4'; in the third measure, the first note has a '1' and the second note has a '3'; in the fourth measure, the first note has a '2' and the second note has a '4'. The diagram below shows a sequence of numbers: 8, 10, 8, 8, 10, 8, 8, 10, 9, 10, 9, 11, 9, 11, 11, 11, 8.

|○| |○| | |○| [1, 3, 2, 1]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. Fingerings are indicated above the notes: in the first measure, the first note has a '1' and the second note has a '3'; in the second measure, the first note has a '2' and the second note has a '4'; in the third measure, the first note has a '1' and the second note has a '3'; in the fourth measure, the first note has a '2' and the second note has a '4'. The diagram below shows a sequence of numbers: 8, 10, 8, 8, 10, 8, 8, 10, 8, 9, 10, 8, 9, 11, 9, 11, 11, 11, 8.

|○| |○| | |○| | [1, 2, 3, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows two sets of fingerings: 'A' (8-10-8) and 'B' (8-10-8). The score is divided by a vertical bar line. The first half of the score ends with a repeat sign and a '3' above it. The second half continues with a treble clef and a series of eighth-note patterns. The bottom staff shows two sets of fingerings: 'A' (9-12-11-12-9-11-10) and 'B' (10-12-10-12-10-13-12).

|○| |○| | |○| | [1, 2, 3, 2]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff shows a treble clef and a series of eighth-note patterns. The bottom staff shows two sets of fingerings: 'A' (8-10-10) and 'B' (8-10-8-10-8-10). The score is divided by a vertical bar line. The first half of the score ends with a repeat sign and a '3' above it. The second half continues with a treble clef and a series of eighth-note patterns. The bottom staff shows two sets of fingerings: 'A' (9-12-9-12-9-12-9) and 'B' (10-12-12-12-9-12-10-13-10).

|○| |○| |○| + [1, 3, 2]

3

A
B

8-12-10 8-12-10 8-12-10

A
B

8-12-10 8-12-10 8-12-10

|○| |○| |○| + [1, 2, 3]

3

A
B

8-10-12 8-10-12 8-10-12

A
B

8-10-12 8-10-12 8-10-12

|○| |○| |○| + [1, 3, 2, 1]

The musical score consists of two staves. The top staff is for the Treble Clef (G-clef) and the bottom staff is for the Bass Clef (F-clef). The key signature is one sharp (F#). The time signature is common time (indicated by 'C'). The score is divided into measures by vertical bar lines. Fingerings are indicated below the bass staff. A diagram at the top shows a sequence of notes: a short vertical line followed by three open circles, then a vertical line with a plus sign, followed by the note values [1, 3, 2, 1].

Diagram:

|○| |○| |○| + [1, 3, 2, 1]

|○| |○| |○| + [1, 2, 3, 1]

The musical score consists of two staves. The top staff is for the Treble Clef (G-clef) and the bottom staff is for the Bass Clef (F-clef). The key signature is one sharp (F#). The time signature is common time (indicated by 'C'). The score is divided into measures by vertical bar lines. Fingerings are indicated below the bass staff. A diagram at the top shows a sequence of notes: a short vertical line followed by three open circles, then a vertical line with a plus sign, followed by the note values [1, 2, 3, 1].

Diagram:

|○| |○| |○| + [1, 2, 3, 1]

|○| |○| |○| + [1, 2, 3, 2]

|○| |○| |○| + [1, 3, 2, 3]

|○| | | |○|○|○| [1, 3, 4, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a sixteenth-note pattern starting on the first string. The bottom staff shows two melodic lines, labeled A and B, with fingerings indicated by numbers below the strings. The first measure of staff A starts at the 8th fret of the 6th string. The second measure starts at the 9th fret of the 5th string. The third measure starts at the 10th fret of the 4th string. The fourth measure starts at the 11th fret of the 3rd string. The fifth measure starts at the 12th fret of the 2nd string. The sixth measure starts at the 13th fret of the 1st string.

|○| | | |○|○|○| [1, 4, 3, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a sixteenth-note pattern starting on the first string. The bottom staff shows two melodic lines, labeled A and B, with fingerings indicated by numbers below the strings. The first measure of staff A starts at the 8th fret of the 6th string. The second measure starts at the 9th fret of the 5th string. The third measure starts at the 10th fret of the 4th string. The fourth measure starts at the 11th fret of the 3rd string. The fifth measure starts at the 12th fret of the 2nd string. The sixth measure starts at the 13th fret of the 1st string.

|○| | | |○|○|○| [1, 3, 2, 4]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. Fingerings are indicated below the bass staff. The first measure shows a descending scale from 13 to 8. The second measure shows a descending scale from 10 to 8. The third measure shows a descending scale from 13 to 11. The fourth measure shows a descending scale from 12 to 9. The fifth measure shows a descending scale from 13 to 11. The sixth measure shows a descending scale from 12 to 9. The seventh measure shows a descending scale from 13 to 11. The eighth measure shows a descending scale from 12 to 9.

|○| | | |○|○|○| [1, 2, 3, 4]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. Fingerings are indicated below the bass staff. The first measure shows a descending scale from 13 to 8. The second measure shows a descending scale from 10 to 8. The third measure shows a descending scale from 13 to 11. The fourth measure shows a descending scale from 12 to 9. The fifth measure shows a descending scale from 13 to 11. The sixth measure shows a descending scale from 12 to 9. The seventh measure shows a descending scale from 13 to 11. The eighth measure shows a descending scale from 12 to 9.

| Θ —| Θ —| Θ — Θ — [1, 3, 4, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a melodic line with various note heads and slurs. The bottom staff provides fingerings for the left hand, with labels A and B indicating different fingerings for specific notes. The tablature uses standard six-line notation with vertical bar lines and note heads. The first measure starts with a note at the 8th fret of the 6th string. The second measure begins with a note at the 11th fret of the 5th string. The third measure starts with a note at the 12th fret of the 4th string. The fourth measure starts with a note at the 13th fret of the 3rd string.

| Θ —| Θ —| Θ — Θ — [1, 4, 3, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a melodic line with various note heads and slurs. The bottom staff provides fingerings for the left hand, with labels A and B indicating different fingerings for specific notes. The tablature uses standard six-line notation with vertical bar lines and note heads. The first measure starts with a note at the 8th fret of the 6th string. The second measure begins with a note at the 11th fret of the 5th string. The third measure starts with a note at the 12th fret of the 4th string. The fourth measure starts with a note at the 13th fret of the 3rd string.

|○| |○| |○|○| [1, 3, 2, 4]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. The music is divided into measures by vertical bar lines. The first measure starts with a single note on the G-line of the treble staff. The second measure begins with a note on the A-line of the bass staff, followed by a sequence of notes on the G-line, B-line, and C-line of the bass staff. The third measure starts with a note on the D-line of the treble staff, followed by a sequence of notes on the C-line, E-line, and F-line of the treble staff. The fourth measure starts with a note on the G-line of the bass staff, followed by a sequence of notes on the F-line, A-line, and C-line of the bass staff. This pattern repeats for the remainder of the score.

|○| |○| |○|○| [1, 2, 3, 4]

The musical score consists of two staves. The top staff is for the treble clef (G-clef) and the bottom staff is for the bass clef (F-clef). Both staves have six horizontal lines. The music is divided into measures by vertical bar lines. The first measure starts with a single note on the G-line of the treble staff. The second measure begins with a note on the A-line of the bass staff, followed by a sequence of notes on the G-line, B-line, and C-line of the bass staff. The third measure starts with a note on the D-line of the treble staff, followed by a sequence of notes on the C-line, E-line, and F-line of the treble staff. The fourth measure starts with a note on the G-line of the bass staff, followed by a sequence of notes on the F-line, A-line, and C-line of the bass staff. This pattern repeats for the remainder of the score.

| Θ —| Θ —| | Θ | Θ [1, 3, 4, 2]

3

$\begin{matrix} \text{T} \\ \text{A} \\ \text{B} \end{matrix}$

8-9-10 8-9-10 8-9-10 8-9-10

8-10-11 9-10-11 10-11-12 11-12-8

| Θ —| Θ —| | Θ | Θ [1, 4, 3, 2]

3

$\begin{matrix} \text{T} \\ \text{A} \\ \text{B} \end{matrix}$

8-9-8-10 8-9-8-10 8-9-8-10

8-10-9-10 9-10-9-11 10-9-10-11 11-12-11-8

$\begin{matrix} \text{T} \\ \text{A} \\ \text{B} \end{matrix}$

11-13-12-9-12 13-12-9 9-11-10-11 10-11-10-12 9-12-9-12 9-13-10

| Θ | Θ | Θ Θ | [1, 3, 2, 4]

T

A

B

8 10 9 8 10 9 8 10 9 8 10 9 10 9 11 10 11 12 11 11 8 12

8 10 12 9 13 12 12 9 13 9 10 11 10 12 11 12 12 9 12 13 10 9

| Θ | Θ | Θ Θ | [1, 2, 3, 4]

T

A

B

8 10 8 9 8 10 8 9 8 10 8 9 9 10 9 11 10 11 9 10 11 12 11 11 8 12

8 10 9 12 13 12 9 12 13 9 11 10 11 10 12 10 11 12 9 12 9 12 10 13 9

|○| |○| |○| |○| [1, 3, 4, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a melodic line with various note heads and stems. The bottom staff provides fingerings for the left hand, with labels 'A' and 'B' indicating different patterns. A rhythm diagram at the top indicates a pattern of eighth notes followed by sixteenth notes. The score is divided into measures by vertical bar lines.

|○| |○| |○| |○| [1, 4, 3, 2]

The musical score consists of two staves of guitar tablature. The top staff shows a melodic line with various note heads and stems. The bottom staff provides fingerings for the left hand, with labels 'A' and 'B' indicating different patterns. A rhythm diagram at the top indicates a pattern of eighth notes followed by sixteenth notes. The score is divided into measures by vertical bar lines.

|○| |○| |○| |○| [1, 4, 2, 3]

Musical score for the fourth exercise, featuring two staves of music. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes. A diagram below the staves shows fingerings for both hands:

Hand A (Top Staff):

- Measure 1: 8 - 10 - 12
- Measure 2: 9 - 10 - 12
- Measure 3: 13 - 9 - 11 - 12
- Measure 4: 13 - 9 - 11
- Measure 5: 9 - 11 - 9
- Measure 6: 10 - 11 - 12
- Measure 7: 9 - 11 - 12
- Measure 8: 9 - 10 - 12

Hand B (Bottom Staff):

- Measure 1: 8 - 10 - 12
- Measure 2: 9 - 10 - 12
- Measure 3: 11 - 13 - 9 - 11 - 12
- Measure 4: 11 - 13 - 9 - 11
- Measure 5: 10 - 11 - 12
- Measure 6: 12
- Measure 7: 9 - 11 - 12
- Measure 8: 9 - 10 - 12

|○| |○| |○| |○| [1, 2, 4, 3]

Musical score for the fourth exercise, featuring two staves of music. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes. A diagram below the staves shows fingerings for both hands:

Hand A (Top Staff):

- Measure 1: 8 - 10 - 12
- Measure 2: 9 - 10 - 12
- Measure 3: 11 - 13 - 11 - 12
- Measure 4: 9 - 13 - 11 - 11
- Measure 5: 9 - 11 - 11 - 9
- Measure 6: 10 - 12 - 11 - 9
- Measure 7: 12
- Measure 8: 9 - 11 - 12 - 10 - 12

Hand B (Bottom Staff):

- Measure 1: 8 - 10 - 12
- Measure 2: 9 - 10 - 12
- Measure 3: 11 - 13 - 11 - 12
- Measure 4: 9 - 13 - 11 - 11
- Measure 5: 9 - 11 - 11 - 9
- Measure 6: 10 - 12 - 11 - 9
- Measure 7: 12
- Measure 8: 9 - 11 - 12 - 10 - 12

|○| |○| |○| |○| [1, 3, 2, 4]

The musical score consists of two staves of guitar tablature. The top staff shows a rhythmic pattern of eighth notes followed by sixteenth-note pairs. The bottom staff shows two melodic lines, labeled A and B, with fingerings (1 through 12) indicated above the strings. The tablature uses a standard six-string guitar notation with the strings numbered 1 through 6 from bottom to top.

|○| |○| |○| |○| [1, 2, 3, 4]

The musical score consists of two staves of guitar tablature. The top staff shows a rhythmic pattern of eighth notes followed by sixteenth-note pairs. The bottom staff shows two melodic lines, labeled A and B, with fingerings (9 through 12) indicated above the strings. The tablature uses a standard six-string guitar notation with the strings numbered 1 through 6 from bottom to top.

18.2 Fifth

|Θ| | | | | |Θ| [1, 2, 1]

|Θ| | | | | |Θ| [1, 2, 1]

$$|\bullet| \text{---} |\text{ }| \text{---} |\text{ }| \text{---} |\bullet| \text{---} |\text{ }| \quad [1, 2, 1]$$

Sheet music for guitar showing two staves. The top staff uses a treble clef and has a key signature of one sharp. The bottom staff uses a bass clef and has a key signature of one sharp. Both staves have a common time signature. The first measure shows eighth-note patterns. The second measure shows sixteenth-note patterns. The third measure shows eighth-note patterns. The fourth measure shows sixteenth-note patterns. The fifth measure shows eighth-note patterns. The sixth measure shows sixteenth-note patterns. The seventh measure shows eighth-note patterns. The eighth measure shows sixteenth-note patterns. The ninth measure shows eighth-note patterns. The tenth measure shows sixteenth-note patterns. The eleventh measure shows eighth-note patterns. The twelve measure shows sixteenth-note patterns. The thirteen measure shows eighth-note patterns. The fourteen measure shows sixteenth-note patterns. The fifteen measure shows eighth-note patterns. The sixteen measure shows sixteenth-note patterns. The seventeen measure shows eighth-note patterns. The eighteen measure shows sixteenth-note patterns. The nineteen measure shows eighth-note patterns. The二十 measure shows sixteenth-note patterns. The二十一 measure shows eighth-note patterns. The二十二 measure shows sixteenth-note patterns. The二十三 measure shows eighth-note patterns. The二十四 measure shows sixteenth-note patterns. The二十五 measure shows eighth-note patterns. The二十六 measure shows sixteenth-note patterns. The二十七 measure shows eighth-note patterns. The二十八 measure shows sixteenth-note patterns. The二十九 measure shows eighth-note patterns. The三十 measure shows sixteenth-note patterns. The三十-one measure shows eighth-note patterns. The三十-two measure shows sixteenth-note patterns. The三十-three measure shows eighth-note patterns. The三十-four measure shows sixteenth-note patterns. The三十-five measure shows eighth-note patterns. The三十六 measure shows sixteenth-note patterns. The三十七 measure shows eighth-note patterns. The三十八 measure shows sixteenth-note patterns. The三十九 measure shows eighth-note patterns. The四十 measure shows sixteenth-note patterns. The四十-one measure shows eighth-note patterns. The四十-two measure shows sixteenth-note patterns. The四十-three measure shows eighth-note patterns. The四十-four measure shows sixteenth-note patterns. The四十-five measure shows eighth-note patterns. The四十六 measure shows sixteenth-note patterns. The四十七 measure shows eighth-note patterns. The四十八 measure shows sixteenth-note patterns. The四十九 measure shows eighth-note patterns. The五十 measure shows sixteenth-note patterns. The五十-one measure shows eighth-note patterns. The五十-two measure shows sixteenth-note patterns. The五十-three measure shows eighth-note patterns. The五十-four measure shows sixteenth-note patterns. The五十-five measure shows eighth-note patterns. The五十六 measure shows sixteenth-note patterns. The五十七 measure shows eighth-note patterns. The五十八 measure shows sixteenth-note patterns. The五十九 measure shows eighth-note patterns. The六十 measure shows sixteenth-note patterns. The六十-one measure shows eighth-note patterns. The六十-two measure shows sixteenth-note patterns. The六十三 measure shows eighth-note patterns. The六十四 measure shows sixteenth-note patterns. The六十五 measure shows eighth-note patterns. The六十六 measure shows sixteenth-note patterns. The六十七 measure shows eighth-note patterns. The六十八 measure shows sixteenth-note patterns. The六十九 measure shows eighth-note patterns. The七十 measure shows sixteenth-note patterns. The七十-one measure shows eighth-note patterns. The七十-two measure shows sixteenth-note patterns. The七十三 measure shows eighth-note patterns. The七十四 measure shows sixteenth-note patterns. The七十五 measure shows eighth-note patterns. The七十六 measure shows sixteenth-note patterns. The七十七 measure shows eighth-note patterns. The七十八 measure shows sixteenth-note patterns. The七十九 measure shows eighth-note patterns. The八十 measure shows sixteenth-note patterns. The八十-one measure shows eighth-note patterns. The八十-two measure shows sixteenth-note patterns. The八十三 measure shows eighth-note patterns. The八十四 measure shows sixteenth-note patterns. The八十五 measure shows eighth-note patterns. The八十六 measure shows sixteenth-note patterns. The八十七 measure shows eighth-note patterns. The八十八 measure shows sixteenth-note patterns. The八十九 measure shows eighth-note patterns. The九十 measure shows sixteenth-note patterns. The九十-one measure shows eighth-note patterns. The九十二 measure shows sixteenth-note patterns. The九十三 measure shows eighth-note patterns. The九十四 measure shows sixteenth-note patterns. The九十五 measure shows eighth-note patterns. The九十六 measure shows sixteenth-note patterns. The九十七 measure shows eighth-note patterns. The九十八 measure shows sixteenth-note patterns. The九十九 measure shows eighth-note patterns. The一百 measure shows sixteenth-note patterns.

$$|\bullet| \text{---} |\bullet| \text{---} |\bullet| \quad [1, 2, 1]$$

| Θ —| Θ —| + + | [1, 2, 1]

The musical score consists of two staves, A and B, each with four measures. Staff A starts with a treble clef, a common time signature, and no key signature. Staff B starts with a bass clef, a common time signature, and no key signature. Fingerings are indicated below the staff lines. The rhythm diagram at the top shows a dotted half note followed by a dotted quarter note, then a space, then a dotted half note, followed by a dotted quarter note, then a space, then a dotted half note, followed by a dotted quarter note.

Staff A:

- Measure 1: Treble clef, common time. Fingerings: 8, 10, 8; 10, 12, 10; 12, 9, 12.
- Measure 2: Fingerings: 10, 12, 10; 9, 11, 9; 12, 9.
- Measure 3: Fingerings: 11, 9, 11; 8, 11; 11, 11.
- Measure 4: Fingerings: 8, 10, 8; 11, 13, 11; 10, 12, 10.

Staff B:

- Measure 1: Bass clef, common time. Fingerings: 8, 10, 8; 10, 12, 10; 12, 9, 12.
- Measure 2: Fingerings: 10, 12, 10; 9, 11, 9; 12, 9.
- Measure 3: Fingerings: 11, 9, 11; 8, 11; 11, 11.
- Measure 4: Fingerings: 8, 10, 8; 11, 13, 11; 10, 12, 10.

| + + + | Θ — Θ | [1, 3, 2]

The musical score consists of two staves, A and B, each with four measures. Staff A starts with a treble clef, a common time signature, and no key signature. Staff B starts with a bass clef, a common time signature, and no key signature. Fingerings are indicated below the staff lines. The rhythm diagram at the top shows a dotted half note followed by a dotted quarter note, then a space, then a dotted half note, followed by a dotted quarter note, then a space, then a dotted half note, followed by a dotted quarter note.

Staff A:

- Measure 1: Treble clef, common time. Fingerings: 8, 9, 8, 10; 11, 10, 12; 9, 12.
- Measure 2: Fingerings: 10, 11, 10; 9, 11, 10, 12; 13, 12.
- Measure 3: Fingerings: 11, 13, 12; 11, 12, 11; 9, 10, 9.
- Measure 4: Fingerings: 8, 10, 9, 11; 12, 11, 10; 12, 11.

Staff B:

- Measure 1: Bass clef, common time. Fingerings: 8, 9, 8, 10; 11, 10, 12; 9, 12.
- Measure 2: Fingerings: 10, 11, 10; 9, 11, 10, 12; 13, 12.
- Measure 3: Fingerings: 11, 13, 12; 11, 12, 11; 9, 10, 9.
- Measure 4: Fingerings: 8, 10, 9, 11; 12, 11, 10; 12, 11.

| Θ —| | | | | Θ | Θ | [1, 2, 3]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, each with a treble clef and four sets of horizontal lines representing the strings. The first staff (A) starts with a note at the bottom string (B) and continues with a sequence of notes across the strings. The second staff (B) follows a similar pattern. Fingerings are indicated above the notes: for staff A, the first set of notes has fingerings 8, 9, 10; the second set has 10, 11, 12; the third set has 12, 9; the fourth set has 10, 11, 12; and the fifth set has 12, 13. For staff B, the first set has 8; the second set has 9, 10; the third set has 9, 10, 11; and the fourth set has 11, 12.

| Θ —| | | | | Θ | Θ | [1, 3, 2, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, each with a treble clef and four sets of horizontal lines representing the strings. The first staff (A) starts with a note at the bottom string (B) and continues with a sequence of notes across the strings. The second staff (B) follows a similar pattern. Fingerings are indicated above the notes: for staff A, the first set of notes has fingerings 8, 8; the second set has 10, 11, 10; the third set has 12, 12; and the fourth set has 10, 11, 10, 9. For staff B, the first set has 8; the second set has 9, 10; the third set has 9, 10, 11; and the fourth set has 12, 13, 12.

|○| | | | |○|○| [1, 2, 3, 1]

The diagram below the music shows the fretboard for the fifth position. The top line shows the strings A (Treble) and E (Bass). The bottom line shows the strings D (Treble) and G (Bass). Fingerings are indicated above the strings: A string 8, E string 9, A string 10, E string 11, A string 12, E string 12. The bottom staff has similar fingerings: D string 8, G string 9, D string 10, G string 11, D string 12, G string 12.

|○| | | | |○|○| [1, 2, 3, 2]

The diagram below the music shows the fretboard for the fifth position. The top line shows the strings A (Treble) and E (Bass). The bottom line shows the strings D (Treble) and G (Bass). Fingerings are indicated above the strings: A string 8, E string 9, A string 8, E string 10, A string 10, E string 11, A string 10, E string 12, A string 12, E string 12. The bottom staff has similar fingerings: D string 8, G string 9, D string 10, G string 11, D string 10, G string 12, D string 12, G string 12.

|Θ| | | | |Θ|Θ| [1, 3, 2, 3]

|Θ| | | |Θ|Θ| [1, 3, 2]

|Θ| | | |Θ| |Θ| [1, 2, 3]

3

T
A
B

8-12 9-10 9-11-12 11-12 9 | 10 9-11 9 9-11-12 11-13

T
A
B

11-13 10-12 9-13 10 | 8-12 10-11 10-12 10-12

|Θ| | | |Θ| |Θ| [1, 3, 2, 1]

T
A
B

8-12 8 9-10 11-9 12-10 11-12 | 9 11-9 10 9-11-9 9 12-13 11-12

T
A
B

11-13 11-11 12-10 11-9 10 13-9 | 8-10 12-8 11-12-10 11-10 12-10 10

$$|\ominus| \quad | \quad | \quad | \ominus| \quad |\ominus| \quad [1, 2, 3, 1]$$

$$|\oplus| \quad | \quad | \quad |\ominus| \quad |\ominus| \quad [1, 2, 3, 2]$$

Sheet music for guitar with two staves. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. The music consists of six measures. Measure 1: Treble staff has eighth notes (A, B, C, D, E, F#). Bass staff has eighth notes (E, G, B, D, F#, A). Measure 2: Treble staff has sixteenth notes (A, B, C, D, E, F#). Bass staff has eighth notes (E, G, B, D, F#, A). Measures 3-6: Treble staff has sixteenth-note patterns. Bass staff has eighth-note patterns. Measure 6 concludes with a double bar line.

|Θ| + | | Θ| + Θ| [1, 3, 2, 3]

1

2

3

4

5

6

A: 8-12, 9-10, 11-9-11-12
B: 9-11

A: 10-11-9-11
B: 9-11-9-11-12-13

A: 11-13-11-13
B: 12-10-12

A: 9-10-10-10-12-13
B: 8-10-12-10-11-12

|Θ| + | | Θ| + | Θ| [1, 3, 2]

1

2

3

4

5

6

A: 8-11, 9-10, 11-8-12
B: 9-10

A: 10-11-13-9-11-12
B: 12-13-10

A: 11-13-10
B: 11-12-9

A: 9-10-10-12
B: 8-10-11-11-12-9

A: 12-9
B: 10-12-9

| Θ | + | Θ | + | Θ | [1, 2, 3]

| Θ | + | Θ | + | Θ | [1, 3, 2, 1]

|○| |○| |○| [1, 2, 3, 1]

The musical score consists of two staves. The top staff is labeled with a treble clef and has a repeating pattern of eighth and sixteenth notes. The bottom staff is labeled with a bass clef and shows fingerings for the left hand (A) and right hand (B). The first measure of the bass staff has fingerings: A (8), B (11), A (9), B (10). The second measure has fingerings: A (8), B (11), A (10), B (12). The third measure has fingerings: A (10), B (13), A (11), B (10). The fourth measure has fingerings: A (9), B (12), A (11), B (9). The fifth measure has fingerings: A (12), B (10), A (13), B (12). The sixth measure has fingerings: A (10), B (13), A (11), B (12). The seventh measure has fingerings: A (11), B (11), A (9), B (12). The eighth measure has fingerings: A (11), B (11), A (10), B (12). The ninth measure has fingerings: A (10), B (13), A (11), B (10). The tenth measure has fingerings: A (9), B (12), A (11), B (9). The eleventh measure has fingerings: A (12), B (10), A (13), B (12). The twelfth measure has fingerings: A (10), B (13), A (11), B (12). The thirteenth measure has fingerings: A (11), B (11), A (9), B (12). The fourteenth measure has fingerings: A (11), B (11), A (10), B (12). The fifteenth measure has fingerings: A (10), B (13), A (11), B (10). The sixteenth measure has fingerings: A (9), B (12), A (11), B (9). The seventeenth measure has fingerings: A (12), B (10), A (13), B (12). The eighteenth measure has fingerings: A (10), B (13), A (11), B (12). The nineteenth measure has fingerings: A (11), B (11), A (9), B (12). The twentieth measure has fingerings: A (11), B (11), A (10), B (12).

|○| |○| |○| [1, 2, 3, 2]

The musical score consists of two staves. The top staff is labeled with a treble clef and has a repeating pattern of eighth and sixteenth notes. The bottom staff is labeled with a bass clef and shows fingerings for the left hand (A) and right hand (B). The first measure of the bass staff has fingerings: A (8), B (11), A (10). The second measure has fingerings: A (8), B (11), A (8), B (12). The third measure has fingerings: A (10), B (13), A (11), B (10). The fourth measure has fingerings: A (9), B (12), A (11), B (13). The fifth measure has fingerings: A (12), B (11), A (13), B (12). The sixth measure has fingerings: A (10), B (13), A (11), B (12). The seventh measure has fingerings: A (11), B (11), A (9), B (12). The eighth measure has fingerings: A (11), B (11), A (10), B (12). The ninth measure has fingerings: A (10), B (13), A (11), B (10). The tenth measure has fingerings: A (9), B (12), A (11), B (9). The eleventh measure has fingerings: A (12), B (10), A (13), B (12). The twelfth measure has fingerings: A (10), B (13), A (11), B (12). The thirteenth measure has fingerings: A (11), B (11), A (9), B (12). The fourteenth measure has fingerings: A (11), B (11), A (10), B (12). The fifteenth measure has fingerings: A (10), B (13), A (11), B (10). The sixteenth measure has fingerings: A (9), B (12), A (11), B (9). The seventeenth measure has fingerings: A (12), B (10), A (13), B (12). The eighteenth measure has fingerings: A (10), B (13), A (11), B (12). The nineteenth measure has fingerings: A (11), B (11), A (9), B (12). The twentieth measure has fingerings: A (11), B (11), A (10), B (12).

|○| |○| |○| [1, 3, 2, 3]

Musical score for Chapter 18, Fourth position, featuring two staves of guitar tablature. The top staff shows a measure of eighth-note patterns with fingerings: 9-10, 10-11-13, 11-9-12, 11-12, 13-10-13. The bottom staff shows a measure of eighth-note patterns with fingerings: 8-11, 9-10-11-12, 11-12-8-11-12. The tablature uses a standard six-string guitar notation with the strings numbered 1 through 6 from bottom to top.

|○| |○| |○| [1, 3, 2]

Musical score for Chapter 18, Fourth position, featuring two staves of guitar tablature. The top staff shows a measure of eighth-note patterns with fingerings: 8-11, 10-12-10, 12-10-8-10, 10-13-9-12. The bottom staff shows a measure of eighth-note patterns with fingerings: 11-12-10, 11-10-8-12, 12-10-8-11. The tablature uses a standard six-string guitar notation with the strings numbered 1 through 6 from bottom to top.

|○| |○| |○| [1, 2, 3]

1

T
A
B

8 11 8 10 8 10 12 10 12

10 13 10 9 12 10 12 10 12

3

T
A
B

11 10 12 11 9 11 9 12 9

8 11 9 11 9 11 10 9 11

|○| |○| |○| [1, 3, 2, 1]

1

T
A
B

8 8 10 8 10 12 12 10

10 13 10 9 10 12 9 12 10 12

3

T
A
B

11 12 10 11 11 9 11 9 12 9

8 9 11 8 11 11 10 11 9 10

|○| |○| |○| [1, 2, 3, 1]

Treble clef staff:

Measure 1: |○| |○| |○| [1, 2, 3, 1]

Measure 3:

Bottom staff (T, A, B):

Measure 1: |○| |○| |○| [1, 2, 3, 1]

Measure 3:

|○| |○| |○| [1, 2, 3, 2]

Treble clef staff:

Measure 1: |○| |○| |○| [1, 2, 3, 2]

Measure 3:

Bottom staff (T, A, B):

Measure 1: |○| |○| |○| [1, 2, 3, 2]

Measure 3:

| Θ | — | Θ | — | Θ | — [1, 3, 2, 3]

3

$\begin{matrix} \text{T} & 10 & 13 & 10 \\ \text{A} & 9 & 10 & 12 \\ \text{B} & 8 & 11 & 10 \end{matrix}$

$\begin{matrix} 10 & 13 & 10 \\ 9 & 10 & 12 \\ 8 & 11 & 12 \end{matrix}$

$\begin{matrix} 12 & 10 & 12 \\ 11 & 9 & 11 \\ 8 & 11 & 11 \end{matrix}$

$\begin{matrix} 9 & 12 & 9 \\ 8 & 11 & 11 \\ 10 & 11 & 11 \end{matrix}$

| Θ | — | Θ | — | Θ | — [1, 3, 2]

3

$\begin{matrix} 9 & 9 \\ 10 & 11 & 12 \\ 8 & 10 & 11 & 12 \end{matrix}$

$\begin{matrix} 11 & 12 & 9 & 11 & 12 \\ 10 & 11 & 11 & 12 & 13 & 9 \end{matrix}$

$\begin{matrix} 13 & 9 \\ 12 & 8 \\ 11 & 11 \end{matrix}$

$\begin{matrix} 10 & 11 \\ 9 & 10 & 11 & 12 \\ 8 & 10 & 11 & 13 & 10 & 12 & 12 \end{matrix}$

| Θ | | Θ | | + | Θ | [1, 2, 3]

Treble Staff:
1st string: 9, 9
2nd string: 10, 12
3rd string: 11, 12
4th string: 9
5th string: 10, 12
6th string: 11
7th string: 13

Bass Staff:
1st string: 8, 10
2nd string: 9, 10, 12
3rd string: 11, 12
4th string: 9
5th string: 10, 12
6th string: 11
7th string: 13

| Θ | | Θ | | + | Θ | [1, 3, 2, 1]

Treble Staff:
1st string: 9, 9
2nd string: 10, 12
3rd string: 10, 12
4th string: 9
5th string: 10, 12
6th string: 11
7th string: 12

Bass Staff:
1st string: 8, 10
2nd string: 9, 10, 11, 12
3rd string: 10, 12
4th string: 8, 10
5th string: 11, 12
6th string: 9
7th string: 13

|○| |○| | | |○| [1, 2, 3, 1]

|○| |○| | | |○| [1, 2, 3, 2]

|○| |○| | | |○| [1, 3, 2, 3]

This musical score consists of two staves of guitar tablature. The top staff shows a rhythmic pattern starting with a dotted half note followed by an eighth note, then a sixteenth-note group, and so on. The bottom staff shows a continuous sequence of notes with fingerings. A vertical bar separates the two staves. The first measure ends with a vertical bar. The second measure begins with a vertical bar and continues with a sixteenth-note group. The third measure begins with a vertical bar and continues with a sixteenth-note group.

|○| |○| | |○| [1, 3, 2]

This musical score consists of two staves of guitar tablature. The top staff shows a rhythmic pattern starting with a dotted half note followed by an eighth note, then a sixteenth-note group, and so on. The bottom staff shows a continuous sequence of notes with fingerings. A vertical bar separates the two staves. The first measure ends with a vertical bar. The second measure begins with a vertical bar and continues with a sixteenth-note group. The third measure begins with a vertical bar and continues with a sixteenth-note group.

|○| |○| | |○| | [1, 2, 3]

Musical score for Exercise 18.2. FIFTH. The score consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes: 8-10, 10-12, 9-12, 10-12, 9-11, 10-12, 9-12, 11-13, 10-12, 11. A diagram below the staff shows a sequence of numbers: 8 10 10 12 10 12 9 12 9 11 10 12 9 12 11 13 10 12 11.

|○| |○| | |○| | [1, 3, 2, 1]

Musical score for Exercise 18.2. FIFTH. The score consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Fingerings are indicated above the notes: 8 10 8 10 12 10 12 9 12 10 12 10 9 10 11 9 12 12 9 12, 11 12 9 11 11 8 11 9 11 9 11 13 11 10 11 12 10. A diagram below the staff shows a sequence of numbers: 8 10 8 10 12 10 12 9 12 10 12 10 9 10 11 9 12 12 9 12 11 12 9 11 11 8 11 9 11 9 11 13 11 10 11 12 10.

| Θ —| Θ —| | Θ —| [1, 2, 3, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Both staves show a repeating pattern of notes. Fingerings are indicated below the bass staff: 8-10-8, 10-12-10, 12-10, 9-12-12; 10-12-10, 10-9-11, 10-12-9, 12-12; 9-12-12, 11-11, 8-11-11, 9-11-9; 8-10-9-8, 11-13-11, 10-12-11, 11-10.

| Θ —| Θ —| | Θ —| [1, 2, 3, 2]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff is treble clef and the bottom staff is bass clef. Both staves show a repeating pattern of notes. Fingerings are indicated below the bass staff: 8-10-10, 10-12-12, 10-12-9; 10-12-12, 9-11-10, 10-12-9; 9-12-9, 11-11, 8-11-8, 9-11-9; 8-10-9-10, 11-13-13, 10-12-11, 12-12.

|○| |○| | |○| | [1, 3, 2, 3]

The musical score consists of two staves. The top staff is for Treble Clef (G-clef) and the bottom staff is for Bass Clef (F-clef). The first measure shows a single note followed by a sixteenth-note pattern. The second measure contains eighth-note pairs. The third measure has sixteenth-note pairs. The fourth measure contains eighth-note pairs. Fingerings are indicated below the notes: 10-12-10, 9-10-11-10-12, 12-9-12; 8-10, 8-10-12, 10-12, 12-9-12; 8-10. The fifth measure starts with a treble clef and a sharp sign, indicating G major. It features sixteenth-note patterns. Fingerings: 11-12-9-12, 11-8-11, 9-9-11-9; 8-10, 9-11-13-11, 10-11-12. The sixth measure continues with sixteenth-note patterns. Fingerings: 11-12-9-12, 11-8-11, 9-9-11-9; 8-10, 9-11-13-11, 10-11-12.

|○| |○| |○| | | [1, 3, 2]

The musical score continues with two staves. The top staff is for Treble Clef (G-clef) and the bottom staff is for Bass Clef (F-clef). The first measure shows a single note followed by a sixteenth-note pattern. The second measure contains eighth-note pairs. The third measure has sixteenth-note pairs. The fourth measure contains eighth-note pairs. Fingerings: 10-9-12-9, 9-11-12-9; 8-12-10, 10-12, 11-9. The fifth measure starts with a treble clef and a sharp sign, indicating G major. It features sixteenth-note patterns. Fingerings: 11-10-8, 9-13-11; 8-12-10, 11-10-12.

|○| |○| |○| + [1, 2, 3]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, for a six-string guitar. Staff A starts with a eighth-note followed by a sixteenth-note pattern. Staff B starts with a sixteenth note. Both staves continue with sixteenth-note patterns. Fingerings are indicated below the strings: Staff A has 8-10-12, 10-12, 9-11; Staff B has 8-10-12, 9-12, 9-11. The music concludes with a measure of 9-11-12-9-11-11. The score is preceded by a rhythm diagram: |○| |○| |○| + [1, 2, 3]. The staff lines are numbered 1 through 6 from top to bottom.

|○| |○| |○| + [1, 3, 2, 1]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, for a six-string guitar. Staff A starts with a eighth-note followed by a sixteenth-note pattern. Staff B starts with a sixteenth note. Both staves continue with sixteenth-note patterns. Fingerings are indicated below the strings: Staff A has 8-12-10-8, 10-9-12-10, 12-11-9-12; Staff B has 8-12-10-8, 10-9-12-10. The music concludes with a measure of 9-12-10-9-9-11-9-12-11-9. The score is preceded by a rhythm diagram: |○| |○| |○| + [1, 3, 2, 1]. The staff lines are numbered 1 through 6 from top to bottom.

|○| |○| |○| + | [1, 2, 3, 1]

3 |○| |○| |○| + | [1, 2, 3, 1]

|○| |○| |○| + | [1, 2, 3, 2]

3 |○| |○| |○| + | [1, 2, 3, 2]

|○| |○| |○| + [1, 3, 2, 3]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, each with a treble clef and four lines. Staff A starts with a descending eighth-note pattern (E-D-C-B-A-G-F-E). Staff B starts with a descending eighth-note pattern (E-D-C-B-A-G-F-E). Both staves have fingerings below them: Staff A has 10-9-12-11-9-11 and Staff B has 8-12-10-12. The music continues with a series of eighth-note patterns. The first measure of staff A ends with a vertical bar line. The second measure of staff A begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E). The first measure of staff B begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E). The second measure of staff B begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E).

|○| + |○|○|○| [1, 3, 4, 2]

Musical score for Chapter 18, Fourth position. The score consists of two staves, A and B, each with a treble clef and four lines. Staff A starts with a descending eighth-note pattern (E-D-C-B-A-G-F-E). Staff B starts with a descending eighth-note pattern (E-D-C-B-A-G-F-E). Both staves have fingerings below them: Staff A has 10-11-9-9-10-11-9-12 and Staff B has 8-9-12-10. The music continues with a series of eighth-note patterns. The first measure of staff A ends with a vertical bar line. The second measure of staff A begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E). The first measure of staff B begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E). The second measure of staff B begins with a descending eighth-note pattern (E-D-C-B-A-G-F-E).

|○| | | |○|○|○| [1, 4, 3, 2]

Musical score for the fifth pattern, featuring two staves (A and B) and three measures. The first measure consists of six eighth notes. The second measure starts with a bass note (T) at 9, followed by a sequence of notes at 10, 11, 10, 9, 12, and 13-12-11. The third measure starts with a bass note (T) at 13-12-11, followed by a sequence of notes at 12-11-10, 9, 10, 9, 13, 8, 10, 9, 12, 11, 12-11-10, and 10-12-11-10.

|○| | | |○|○|○| [1, 4, 2, 3]

Musical score for the fifth pattern, variation, featuring two staves (A and B) and three measures. The first measure consists of six eighth notes. The second measure starts with a bass note (T) at 9, followed by a sequence of notes at 11-12, 10, 11-9-10, 10, 11-9-10-12, and 13-11-12. The third measure starts with a bass note (T) at 13-11-12, followed by a sequence of notes at 12-10-11, 9, 10, 13, 9, 8, 10, 12, 9, 11, 12-10-11, and 10-12-10-11.

|○| | | |○|○|○| [1, 2, 4, 3]

Sheet music for Chapter 18, Fourth position. The music is in common time with a treble clef. The first staff shows a series of eighth-note patterns. The second staff shows a series of sixteenth-note patterns. Fingerings are indicated below the strings: T (thumb), A (index), and B (middle). The first measure consists of two groups of sixteenth-note patterns. The first group starts with T-A-B and ends with 8-12. The second group starts with 9-10-11-12 and ends with 11-12. The third measure continues with similar patterns, ending with 10-12-11. The fourth measure continues with similar patterns, ending with 10-12-11.

|○| | | |○|○|○| [1, 3, 2, 4]

Sheet music for Chapter 18, Fourth position. The music is in common time with a treble clef. The first staff shows a series of eighth-note patterns. The second staff shows a series of sixteenth-note patterns. Fingerings are indicated below the strings: T (thumb), A (index), and B (middle). The first measure consists of two groups of sixteenth-note patterns. The first group starts with T-A-B and ends with 8-12. The second group starts with 9-10-11-12 and ends with 12-11-13. The third measure continues with similar patterns, ending with 11-10-12. The fourth measure continues with similar patterns, ending with 11-10-12.

|○| | | |○|○|○| [1, 2, 3, 4]

3

T 9-10-11
A 8-12-9-10-11-12
B 11-12-13

T 9-10-11-12
A 10-11-12-13
B 11-10-11-12

|○| | | |○|○| [1, 3, 4, 2]

T 9-10-11-12-13
A 8-9-10-11-8-12
B 11-12-13-10

T 10-11-13-9-10-11-12
A 12-13-10-11-12-9
B 11-12-9

|○| |○| |○○| [1, 4, 3, 2]

|○| |○| |○○| [1, 4, 2, 3]

|○| |○| |○○| [1, 2, 4, 3]

Musical score for the fifth exercise, featuring two staves of music. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. Fingerings are indicated above the notes: for the left hand (T), 10-9, 12-13, 9-10, 11-12; for the right hand (A), 8-10, 11-12, 10-13; for both hands (B), 8-11, 9-10, 11-12, 10-13, 11-12, 10-13-12. The score consists of two measures of music.

|○| |○| |○○| [1, 3, 2, 4]

Musical score for the fifth exercise, featuring two staves of music. The top staff shows a treble clef and a key signature of one sharp. The bottom staff shows a bass clef and a key signature of one sharp. Fingerings are indicated above the notes: for the left hand (T), 10-9, 12-13, 11-10, 10-8, 11-12; for the right hand (A), 8-11, 9-10, 10-12; for both hands (B), 8-11, 9-10, 10-12. The score consists of two measures of music.

$\boxed{\circ} \boxed{\circ} \boxed{\circ} \boxed{\circ} \boxed{\circ} \quad [1, 2, 3, 4]$

Sheet music for three staves. Staff 1: Treble clef, 10 sharps, 8 measures. Staff 2: Bass clef, 10 sharps, 13 measures. Staff 3: Treble clef, 3, 10 sharps, 13 measures. Measures 9-13 are shown for each staff.

$$|\ominus| |\circ| | \quad |\circ|\ominus| \quad [1, 3, 4, 2]$$

The image shows two staves of sheet music for guitar. The top staff uses a treble clef and has a key signature of one sharp. The bottom staff uses a bass clef and also has a key signature of one sharp. Both staves feature sixteenth-note patterns. Fingerings are indicated above the notes on both staves.

|○| |○| | |○|○| [1, 4, 3, 2]

3

|○| |○| | |○|○| [1, 4, 2, 3]

3

|○| |○| | |○|○| [1, 2, 4, 3]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff shows a repeating pattern of eighth-note pairs followed by sixteenth-note pairs. The bottom staff shows a repeating pattern of eighth-note pairs followed by sixteenth-note pairs. Fingerings are indicated above the notes: 10-12, 9-11, 11-10-12, 9-13-12, 8-10, 9-8-10-12, 11-10-12, 9-12, 11-13-12, 8-10, 10-9-11-13, 12-11, 10-12, 12-11.

|○| |○| | |○|○| [1, 3, 2, 4]

Musical score for Chapter 18, Fourth position. The score consists of two staves. The top staff shows a repeating pattern of eighth-note pairs followed by sixteenth-note pairs. The bottom staff shows a repeating pattern of eighth-note pairs followed by sixteenth-note pairs. Fingerings are indicated above the notes: 10-12, 11-10-12, 12-9, 9-10-12, 11-12, 12-9, 8-10, 9-10, 10-12, 11-12, 12-9-13, 11-12, 12-9-13, 11-8-12, 9-10-11-13-12, 10-11-12.

|○| |○| | |○+○| [1, 2, 3, 4]

Musical score for the fifth exercise, featuring two staves (A and B) in treble clef. The score consists of two measures. The first measure starts with a sixteenth-note rest followed by a sixteenth note, then a sixteenth-note rest, and finally a sixteenth note. The second measure starts with a sixteenth note, followed by a sixteenth-note rest, and then a sixteenth note. Fingerings are indicated below the staff: Staff A has 8-10, 9-10-12, 10-11-12, 9-12; Staff B has 8-10, 9-10-12, 10-11-12, 9-12-13. Measure 3 starts with a sixteenth note, followed by a sixteenth-note rest, and then a sixteenth note. Fingerings are indicated below the staff: Staff A has 11-9-12-13, 8-11-12, 9-11, 9-10; Staff B has 11, 8-10, 9-10-11-13, 11-12, 10-12, 11-12.

|○| |○| |○| +○| [1, 3, 4, 2]

Musical score for the fifth exercise, featuring two staves (A and B) in treble clef. The score consists of two measures. The first measure starts with a sixteenth-note rest followed by a sixteenth note, then a sixteenth-note rest, and finally a sixteenth note. The second measure starts with a sixteenth note, followed by a sixteenth-note rest, and then a sixteenth note. Fingerings are indicated below the staff: Staff A has 8-12, 9-10, 9-11-12, 11-9; Staff B has 8-12, 9-10, 9-11-12, 11-9. Measure 3 starts with a sixteenth note, followed by a sixteenth-note rest, and then a sixteenth note. Fingerings are indicated below the staff: Staff A has 11-13-9, 10-12-8, 9-13, 10-11; Staff B has 11, 11-13-9, 10-12-8, 9-13, 10-11, 8-12, 10-11, 10-12, 13-10, 10-12, 12.

|○| |○| |○| |○| [1, 4, 3, 2]

3

T A B

9 11-9 12 10 11-9 12 13-11-9

8 12-10 10 11-9 12 11-9 11-9 12 13-11-9

T A B

11 13-11-9 11 12-10-8 9 10 13-11 8 10 12-10 11 12-10 13 10 12-10 12

|○| |○| |○| |○| [1, 4, 2, 3]

T A B

9 9-11 10 11-12 9-12 13-9-11

8 10-12 10 11-12 9-12 11-9-11 12 13-9-11

T A B

11 13-9-11 11 12-8-10 9 10 11-13 8 10 10-12 11 12-13 10 12-10 10

|○| |○| |○| |○| [1, 2, 4, 3]

|○| |○| |○| |○| [1, 3, 2, 4]

Diagram illustrating a guitar technique involving a repeating pattern of sixteenth-note chords and a specific string skipping pattern.

The top part shows a repeating sequence of sixteenth-note chords: $\text{G}_\# \text{B}_\# \text{D}_\# \text{E} \text{G}_\# \text{B}_\#$, followed by the instruction $[1, 2, 3, 4]$.

The bottom part shows two staves of musical notation. The first staff (measures 1-2) starts with a $\text{G}_\# \text{B}_\# \text{D}_\# \text{E}$ chord, followed by a skip to the $\text{A}_\# \text{C}_\# \text{D}_\# \text{E}$ chord, then a skip to the $\text{B}_\# \text{D}_\# \text{F}_\# \text{G}_\#$ chord, and ends with a skip to the $\text{C}_\# \text{E}_\# \text{G}_\# \text{A}_\#$ chord. The second staff (measures 3-4) starts with a $\text{G}_\# \text{B}_\# \text{D}_\# \text{E}$ chord, followed by a skip to the $\text{A}_\# \text{C}_\# \text{D}_\# \text{E}$ chord, then a skip to the $\text{B}_\# \text{D}_\# \text{F}_\# \text{G}_\#$ chord, and ends with a skip to the $\text{C}_\# \text{E}_\# \text{G}_\# \text{A}_\#$ chord.

Part III

Non-

Symmetrical

Bases

19

Introduction

Up to this point we have covered a large number of patterns that use the modified version of Slonimsky's recipe described in the opening chapter. It may have occurred to you that there is something a little arbitrary about that recipe, and that is the use of bases that ascend or descend by the same interval at every step. Why not use a base that does not do this? There is, in fact, no reason at all. The chapters in this part of the book collect a few representative ideas in this direction, although the possibilities are almost limitless.

If our idea is to be able to generate patterns like these on the fly it makes sense to choose bases that are already familiar: these patterns offer a way of ornament pitch materials you already know and use in a particular context. As a consequence I have picked the two most common triads, some seventh arpeggios and two very common scales for coverage here. Naturally, you can choose any base you like including very exotic or strange ones.

Following the approach in the previous part, chapters are organised by base rather than pitch-content. Not all of these patterns cover the total chromatic but most contain most of the twelve notes and so have a broadly chromatic sound, so that breaking them out by pitch content would be unhelpful. I have indicated the pitch content of each pattern in its heading.

20

Major Triad

Base



Patterns

|○| + | |○| +○| [1, 2, 3] 1, b2, 3, b5, 5, b6, b7, 7

A musical staff with a treble clef, a key signature of one sharp (F#), and a common time signature. It shows two patterns: Pattern A (a sixteenth-note scale) and Pattern B (a sixteenth-note scale with specific fingerings: 8-12, 9-12, 8-10, 9-11, 10, 9-11-9, 9-11-12, 12). The staff has a 16th note head with a sharp sign.

|○| + | + |○| +○| [1, 3, 2, 1] 1, b2, 3, b5, 5, b6, b7, 7

|○| + | + |○| +○| [1, 2, 3, 1] 1, b2, 3, b5, 5, b6, b7, 7

|○| + | + |○| +○| [1, 3, 2, 3] 1, b2, 3, b5, 5, b6, b7, 7

|○| + | + |○| + | [1, 2, 1] 1, 3, 5, b6, 7

|○| + |○| + ○|○| [1, 3, 2, 4] 1, ♫2, ♫3, 3, 4, ♫5, 5, 6, ♫7

Fingerings for the bass line (Bass clef staff):

- 8-11-12
- 9-12-10
- 10-8-11
- 10-8-11
- 10-12
- 10-11-12
- 11-12
- 13-11

|○| + |○| + ○|○| [1, 2, 3, 4] 1, ♫2, ♫3, 3, 4, ♫5, 5, 6, ♫7

Fingerings for the bass line (Bass clef staff):

- 8-11
- 8-9
- 12-10
- 10-12
- 8-10
- 8-10-11
- 10-11-12
- 10-11
- 11-13

|○| + + + |○| [1, 2, 1] 1, 3, 4, 5, 6

Fingerings for the bass line (Bass clef staff):

- 8-12
- 8-12
- 12-10
- 10-10
- 10-10
- 10-9
- 9-12
- 13-12

|○| + |○| + + |○| [1, 2, 1] 1, ♫3, 3, 5, ♫7

Fingerings for the bass line (Bass clef staff):

- 8-11-8-12
- 10-12
- 10-10
- 10-8
- 10-10
- 9-12
- 9-12
- 11-12

|θ| |θ| + |θ|θ [1, 3, 4, 2] 1, b2, 2, 3, 4, b5, 5, 6, b7

A musical staff in G clef with a treble clef. The melody consists of sixteenth-note patterns. Below it is a bass staff with fingerings: 8, 9, 12, 8, 9-10, 12, 10-11, 12. The bass notes are labeled A and B. Fingerings above the bass notes are: 8, 9, 10-11, 12, 9, 10-11, 12, 13-10.

|θ| |θ| + |θ|θ [1, 4, 3, 2] 1, b2, 2, 3, 4, b5, 5, 6, b7

A musical staff in G clef with a treble clef. The melody consists of sixteenth-note patterns. Below it is a bass staff with fingerings: 9, 8, 8, 12, 9-10, 11-10, 10-12, 10, 11-10, 12, 9, 11-10, 11-12, 13-10. The bass notes are labeled A and B. Fingerings above the bass notes are: 9, 10-11, 12, 13-10.

|θ| |θ| + |θ|θ [1, 3, 2, 4] 1, b2, 2, 3, 4, b5, 5, 6, b7

A musical staff in G clef with a treble clef. The melody consists of sixteenth-note patterns. Below it is a bass staff with fingerings: 8, 10, 9, 12, 9, 8, 10, 11, 10, 12, 10, 11-9, 10-11, 11-12, 13-10. The bass notes are labeled A and B. Fingerings above the bass notes are: 9.

|θ| |θ| + |θ|θ [1, 2, 3, 4] 1, b2, 2, 3, 4, b5, 5, 6, b7

A musical staff in G clef with a treble clef. The melody consists of sixteenth-note patterns. Below it is a bass staff with fingerings: 8-10, 8, 9, 12, 8, 10-11, 10-12, 10-11-9-11, 10-11, 12, 10-13, 10-13. The bass notes are labeled A and B. Fingerings above the bass notes are: 9.

⊕| + | + ⊕⊕⊕ [1, 3, 2, 4] 1, b2, 3, 4, b5, 5, b6, 6, b7, 7

⊕| + | + ⊕⊕⊕ [1, 2, 3, 4] 1, b2, 3, 4, b5, 5, b6, 6, b7, 7

⊕| ⊕| + ⊕| + ⊕ [1, 3, 4, 2] 1, b2, 2, 3, b5, 5, b6, 6, b7, 7

⊕| ⊕| + ⊕| + ⊕ [1, 4, 3, 2] 1, b2, 2, 3, b5, 5, b6, 6, b7, 7

|Θ| |Θ| |Θ| |Θ| [1, 3, 2, 4] 1, b2, 2, 3, b5, 5, b6, 6, b7, 7

A musical staff in G clef with sixteenth-note patterns. Below it is a bass staff with fingerings: 8-12-10, 9-11-9, 10-12, 9-11, 10-12, 9-11, 11-12, 12-10. The bass staff has labels A and B above it.

|Θ| |Θ| |Θ| |Θ| [1, 2, 3, 4] 1, b2, 2, 3, b5, 5, b6, 6, b7, 7

A musical staff in G clef with sixteenth-note patterns. Below it is a bass staff with fingerings: 8-10-12, 9-9-11, 10-12, 9-11, 10-12, 9-11, 10-12, 9. The bass staff has labels A and B above it.

|Θ| | |Θ| | |Θ| [1, 2, 3] 1, b2, b3, 3, b5, 5, b7

A musical staff in G clef with sixteenth-note patterns. Below it is a bass staff with fingerings: 8-11, 9-12, 10-10, 8-10, 8-11, 10, 8-11-9-12, 11-11, 12. The bass staff has labels A and B above it.

|Θ| | |Θ| | |Θ| [1, 3, 2, 1] 1, b2, b3, 3, b5, 5, b7

A musical staff in G clef with sixteenth-note patterns. Below it is a bass staff with fingerings: 8-9, 11-8-12, 10-10, 11-8, 10, 10-11-8, 10-9, 11-12-9-12, 11-12. The bass staff has labels A and B above it.

|○| + |○| + |○| [1, 2, 3, 1] 1, b2, b3, 3, b5, 5, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows sixteenth-note patterns. The bottom staff shows fingerings: 8-11, 9-8-12, 10-8-11, 10-10, 10-11-10, 9-11-10, 11-12, 11-9-12, 11-11-12, 11-12, 11-12, 11-12.

|○| + |○| + |○| [1, 3, 2, 3] 1, b2, b3, 3, b5, 5, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows sixteenth-note patterns. The bottom staff shows fingerings: 8-9, 9-10, 8-10, 8-11, 10-11-8-11, 10-11-8-11, 11-8-11-9, 11-12, 11-12, 11-12, 11-12, 11-12.

|○| + |○| + | + | [1, 2, 1] 1, 2, 3, b5, 5, 6

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows sixteenth-note patterns. The bottom staff shows fingerings: 8-10-8-12, 9-12, 10-12-10, 10-12-10, 9-11-9-12, 10-12-10, 10-12-10.

|○| + |○| + | + |○| [1, 3, 2] 1, b2, 2, 3, b5, 5, 6, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The top staff shows sixteenth-note patterns. The bottom staff shows fingerings: 8-10-12, 9-12, 8-9-10-11-12, 10-12, 11-12, 9-11-12, 11-12, 9-10.

|Θ| |Θ| + + |Θ| [1, 2, 3] 1, b2, 2, 3, b5, 5, 6, b7

T
A
B
8-10 9 12 10-12 11 10-12 11-9-11 11-12 10 9

|Θ| |Θ| + + |Θ| [1, 3, 2, 1] 1, b2, 2, 3, b5, 5, 6, b7

T
A
B
8 9 10-8-12 9 12 10-12 11 10-12 11-12-10 9 11-12-10 11-9-12 10 12

|Θ| |Θ| + + |Θ| [1, 2, 3, 1] 1, b2, 2, 3, b5, 5, 6, b7

T
A
B
8-10 9 8 12 10-12 11 10-12 11-10 11-9-11 11-12 10 12

|Θ| |Θ| + + |Θ| [1, 2, 3, 2] 1, b2, 2, 3, b5, 5, 6, b7

T
A
B
8-10 9 10-12 9 8 9-10-12 11 12 10-12 11-12 9-11 11-12 11-12 10 10

$\left| \begin{array}{|c|c|c|c|} \hline \ominus & \oplus & | & | & \ominus \\ \hline \end{array} \right| [1, 3, 2, 3] \quad 1, \flat 2, 2, 3, \flat 5, 5, 6, \flat 7$

The musical score consists of two staves. The top staff is a standard musical notation for a six-string guitar, featuring a treble clef and a key signature of one sharp (F#). The bottom staff is a tablature staff, where each horizontal line represents a string. The tablature shows a continuous melody across the strings, with specific fingerings indicated by numbers above the notes. The first measure starts with an open A string (5th string) followed by a sequence of eighth-note pairs. The second measure begins with a sixteenth-note pair on the 5th string, followed by eighth-note pairs. The third measure starts with a sixteenth-note pair on the 5th string, followed by eighth-note pairs. The fourth measure starts with a sixteenth-note pair on the 5th string, followed by eighth-note pairs.

$\text{[1, 2, 1]} \quad 1, b2, 3, b5, 5, b7$

The image shows a musical score for guitar. The top part is a staff with a treble clef, featuring a melodic line with sixteenth-note patterns and sharp signs. The bottom part is a guitar neck diagram with three octaves. Fret numbers 8 through 12 are marked along the neck. Fingerings are indicated above the strings: 9, A, B, 8, 9, 8-12, 12, 10, 11, 10, 10, 11, 10, 9, 11, 9-12, 12, 11, 9, 12, 12. The measure ends with a vertical bar line and a circled '9' above the 12th fret.

$\begin{array}{|c|c|c|c|c|} \hline \textcircled{1} & \textcircled{2} & \textcircled{3} & \textcircled{4} & \textcircled{5} \\ \hline \end{array}$ [1, 3, 2] 1, 2, 3, \flat 5, 5, \flat 6, 6, 7

The musical score consists of two staves. The top staff is a treble clef staff with six horizontal lines. It contains a melodic line of sixteenth-note patterns. The bottom staff is a bass clef staff with five horizontal lines. It shows the B string being played at various positions: 12, 10, 12, 11, 9, 10, 9, 12, 10, 12, 11-12, 9, 9, 11-12, 12-10. The notes are aligned vertically under the corresponding positions on the B string.

$| \ominus | \oplus | \ominus | \perp |$ [1, 3, 2, 1] 1, 2, 3, \flat 5, 5, \flat 6, 6, 7

|○| |○| |○| | | [1, 2, 3, 1] 1, 2, 3, \flat 5, 5, \flat 6, 6, 7

|○| |○| |○| | | [1, 2, 3, 2] 1, 2, 3, \flat 5, 5, \flat 6, 6, 7

|○| | |○| |○| | | [1, 3, 2, 1] 1, \flat 3, 3, 4, 5, 6, \flat 7

|○| | |○| |○| | | [1, 2, 3, 1] 1, \flat 3, 3, 4, 5, 6, \flat 7

|○| + | + | ○|○| [1, 2, 3] 1, b2, 3, 4, b5, 5, 6, b7

|○| + | + | ○|○| [1, 3, 2, 1] 1, b2, 3, 4, b5, 5, 6, b7

|○| + | + | ○|○| [1, 2, 3, 1] 1, b2, 3, 4, b5, 5, 6, b7

|○| + | + | ○|○| [1, 3, 2, 3] 1, b2, 3, 4, b5, 5, 6, b7

|○| |○| + |○| [1, 3, 2] 1, 2, 3, 4, \flat 5, 5, 6

T
A
B
8 10-12 12 9-10 10 | 10 12 9 10-12 13-10

|○| |○| + |○| [1, 3, 2, 1] 1, 2, 3, 4, \flat 5, 5, 6

T
A
B
8 10-8-12 12 9-10 10-12 | 10 12-10 9 11-9-12 13-10

|○| |○| + |○| [1, 2, 3, 1] 1, 2, 3, 4, \flat 5, 5, 6

T
A
B
8-10 8-12 9-12 10-12 10 | 10-12 10 9-11 10-12 10-13

|○| |○| + |○| [1, 2, 3, 2] 1, 2, 3, 4, \flat 5, 5, 6

T
A
B
8-10 8 9-12-9-10-12 10-12 | 10-12 10 9-11 11-12 10-13-10

21

Minor Triad

Base



Patterns

$\left| \ominus \right| \left| \ominus \right| \left| \ominus \oplus \right| [1, 3, 2, 4] 1, \flat 2, \flat 3, 4, \flat 5, 5, \flat 6, 6, \flat 7$

| Θ | | | Θ | | Θ | Θ [1, 2, 3, 4] 1, \flat 2, \flat 3, 4, \flat 5, 5, \flat 6, 6, \flat 7

T
A
B

8-11 9-11 9-11-12-10 8-10-11 10 8-10-11-8-11 9-10 11-13 9

| Θ | | | Θ | | Θ [1, 2, 3] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-11-10-12-10 9-11 10 9-11-8-12-12 10 10-12-12 9

| Θ | | | Θ | | Θ [1, 3, 2, 1] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-12-8-11 12-10 10 11-9 10 10-11-9-8-10 12-12 12 10-12-12 9

| Θ | | | Θ | | Θ [1, 2, 3, 1] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-10-12-11 10 9-11 10 10-9-11-8-12-10 12-12 12 10-12-12 9

|○| + |○| + ○| |○| [1, 3, 2, 3] 1, b2, b3, 3, b5, 5, 6, 7

Guitar tablature for the first measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: A (9), B (12), A (10), G (12), F# (10), E (11). The measure ends with a vertical bar line.

|○| + |○| + ○| |○| [1, 2, 3] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the second measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: A (9), B (11), A (10), G (12), F# (10), E (11). The measure ends with a vertical bar line.

|○| + |○| + ○| |○| [1, 3, 2, 1] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the third measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: A (9), B (11), A (10), G (12), F# (10), E (11). The measure ends with a vertical bar line.

|○| + |○| + ○| |○| [1, 2, 3, 1] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the fourth measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: A (9), B (11), A (10), G (12), F# (10), E (11). The measure ends with a vertical bar line.

| Θ | | Θ | | | Θ | [1, 3, 2, 3] 1, \flat 2, \flat 3, \flat 5, 5, 6, \flat 7

T
A
B

8 9 11 12 9 12 10 11 8 11 10 11 12 10 11 12

| Θ | | Θ | | | Θ | [1, 3, 2] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

8 9 10 11 12 8 10 11 12 10 11 12 10 11 12

| Θ | | Θ | | | Θ | [1, 2, 3] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

8 10 9 11 8 12 10 12 11 10 12 11 8 10 12 10 11

| Θ | | Θ | | | Θ | [1, 3, 2, 1] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

8 10 9 11 12 8 11 10 12 10 11 12 10 8 10 8 12 10 11

|Θ| |Θ| + + |Θ| [1, 2, 3, 1] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + + |Θ| [1, 2, 3, 2] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + + |Θ| [1, 3, 2, 3] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + |Θ| |Θ| [1, 3, 4, 2] 1, b2, 2, b3, 4, b5, 5, b6, 6

|○| |○| + |○|○| [1, 4, 3, 2] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| + |○|○| [1, 3, 2, 4] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| + |○|○| [1, 2, 3, 4] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| + |○| + |○| [1, 3, 2] 1, 2, ♫3, 3, 4, 5, 6, 7

|○| |○| |○| + [1, 3, 2, 1] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures of eighth and sixteenth notes.

Bass staff (A): Measure of eighth notes: 8-12-10-8-11.

Bass staff (B): Measure of sixteenth notes: 10-8, 10, 12-10.

|○| |○| |○| + [1, 2, 3, 1] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures of eighth and sixteenth notes.

Bass staff (A): Measure of eighth notes: 8-10-12-8-11.

Bass staff (B): Measure of sixteenth notes: 8-10, 10-12, 10.

|○| |○| |○| + [1, 2, 3, 2] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures of eighth and sixteenth notes.

Bass staff (A): Measure of eighth notes: 8-10-12-10-11.

Bass staff (B): Measure of sixteenth notes: 8-10-8-10-12, 12.

|○| |○| | | + [1, 2, 1] 1, 2, \flat 3, 4, 5, 6

Treble clef staff: Measures of eighth and sixteenth notes.

Bass staff (A): Measure of eighth notes: 8-10-8-11-11.

Bass staff (B): Measure of sixteenth notes: 8-10-12-10.

|○| | | |○|○|○| [1, 3, 2, 4] 1, b2, b3, 3, 4, b5, 5, b6, 6, 7

Musical staff with a treble clef. The melody consists of eighth-note patterns. Fingerings below the staff indicate the following fingerings: 8-12, 9-11, 11-10, 12-10, 10-9-11, 10. To the right of the staff, a vertical line labeled '9' is positioned above the note 10. Below the staff, the notes are labeled: 8, 12, 9, 11, 10-9-11, 10.

|○| | | |○|○|○| [1, 2, 3, 4] 1, b2, b3, 3, 4, b5, 5, b6, 6, 7

Musical staff with a treble clef. The melody consists of eighth-note patterns. Fingerings below the staff indicate the following fingerings: 8-12, 9-11, 10-11, 12-10, 9-10-11, 10. To the right of the staff, a vertical line labeled '9' is positioned above the note 12. Below the staff, the notes are labeled: 8-12, 9, 11, 10-11, 12-10, 9-10-11, 10.

|○| | | |○| |○| [1, 3, 2, 1] 1, b3, 4, b5, 5, b6, b7

Musical staff with a treble clef. The melody consists of eighth-note patterns. Fingerings below the staff indicate the following fingerings: 8-11, 11-8-11, 11-9, 10-10, 10-8, 10. To the right of the staff, a vertical line labeled '9' is positioned above the note 11. Below the staff, the notes are labeled: 8, 11-8-11, 11-9, 10-10, 10-8, 10.

|○| | | |○| |○| [1, 2, 3, 1] 1, b3, 4, b5, 5, b6, b7

Musical staff with a treble clef. The melody consists of eighth-note patterns. Fingerings below the staff indicate the following fingerings: 8-11, 8-8-11, 9-11, 10-10, 8-10, 10. To the right of the staff, a vertical line labeled '9' is positioned above the note 11. Below the staff, the notes are labeled: 8, 11-8-8-11, 9-11-10-10, 8-10-10.

|○| | |○| + + | [1, 2, 1] 1, b3, b5, 5, b7

|○| + + | + |○|○| [1, 2, 3] 1, b2, b3, 4, b5, 5, b6, 6

|○| + + | + |○|○| [1, 3, 2, 1] 1, b2, b3, 4, b5, 5, b6, 6

|○| + + | + |○|○| [1, 2, 3, 1] 1, b2, b3, 4, b5, 5, b6, 6

|○| + | + | ○|○| [1, 3, 2, 3] 1, b2, b3, 4, b5, 5, b6, 6

A musical staff in treble clef. The first measure shows a series of eighth-note patterns: (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). The second measure shows a series of sixteenth-note patterns: (B-A-G#), (C#-D#-E#), (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). Below the staff, fingerings are indicated: T (thumb) at 9, A (index) at 8, B (middle) at 9, 12, 11, 12, 10; 11-10-11 at 10; 11-10-11-8 at 10; 10-9-10 at 12; 9-13 at 13.

|○| + | + | ○| + | [1, 2, 1] 1, b3, 3, 5, 7

A musical staff in treble clef. The first measure shows a series of eighth-note patterns: (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). The second measure shows a series of sixteenth-note patterns: (B-A-G#), (C#-D#-E#), (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). Below the staff, fingerings are indicated: T (thumb) at 9, A (index) at 10, B (middle) at 10, 10-10 at 10; 9-10 at 10; 8-12-8-11 at 10; 10-10 at 11.

|○| + |○| + |○| + |○| [1, 3, 4, 2] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

A musical staff in treble clef. The first measure shows a series of eighth-note patterns: (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). The second measure shows a series of sixteenth-note patterns: (B-A-G#), (C#-D#-E#), (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). Below the staff, fingerings are indicated: T (thumb) at 9, A (index) at 10, B (middle) at 10-12, 8-10, 9-11, 12; 10-11 at 10; 9-11 at 12; 10-12 at 10; 12-10 at 10; 9 at 10.

|○| + |○| + |○| + |○| [1, 4, 3, 2] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

A musical staff in treble clef. The first measure shows a series of eighth-note patterns: (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). The second measure shows a series of sixteenth-note patterns: (B-A-G#), (C#-D#-E#), (F#-G#-A#), (B-A-G#), (C#-D#-E#), (F#-G#-A#). Below the staff, fingerings are indicated: T (thumb) at 9, A (index) at 10, B (middle) at 12-10-11, 12-10-8-10, 11-9, 12; 10-11 at 10; 11-9 at 12; 8-10 at 10; 12-10-12 at 10; 9 at 12.

|○| |○| |○| |○| [1, 3, 2, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

|○| |○| |○| |○| [1, 2, 3, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

|○| |○| |○| [1, 3, 2] 1, 2, b3, 4, 5, b6, 6

|○| |○| |○| [1, 3, 2, 1] 1, 2, b3, 4, 5, b6, 6

|○| |○| + |○| [1, 2, 3, 1] 1, 2, \flat 3, 4, 5, \flat 6, 6

T
A
B
8-10 8-11 8-11 10-12 10 10-12 10

|○| |○| + |○| [1, 2, 3, 2] 1, 2, \flat 3, 4, 5, \flat 6, 6

T
A
B
8-10 10-11 8-11 8-10-12 10 10-12 12

|○| + + + |○| [1, 2, 1] 1, \flat 2, \flat 3, \flat 5, 5, 6

T
A
B
8 9 8-11 12 10 11 10-10 11 10 11 8-10 8-12 12

|○| + + + |○| [1, 2, 1] 1, \flat 3, 4, 5, \flat 6

T
A
B
8 8 11-10 10 10-10 10 10-10 8-9 8-12 13 12

22

Major Seventh

|Θ| + + |Θ|Θ [1, 3, 2] 1, ♫2, 3, 4, ♫5, 5, 6, ♫7, 7

Fingerings for Bass Staff:
Measure 1: 8-9-12
Measure 2: 12-10-11-10-9
Fingerings for Treble Staff:
Measure 1: 10-9-11-10-9
Measure 2: 12-11-10-9-10
Ending: 9-13-12-13-12-13

|Θ| + + |Θ|Θ [1, 2, 3] 1, ♫2, 3, 4, ♫5, 5, 6, ♫7, 7

Fingerings for Bass Staff:
Measure 1: 8-9-12-10-11-9
Measure 2: 10-11-9-10-11-10
Fingerings for Treble Staff:
Measure 1: 9-10-11-9-10
Measure 2: 12-13-12-11-10-9
Ending: 9-12-13-12-13-12

|○| + + |○|○| [1, 3, 2, 1] 1, b2, 3, 4, b5, 5, 6, b7, 7

A musical staff in G major (one sharp) with a treble clef. The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are shown above the bass notes: 8, 9, 8, 8-12, 12, 10, 11-10, 9, 10-9, 9. The bass staff continues with 10, 11-10, 9, 11-10, 9, 12, 13, 12, 13-12.

|○| + + |○|○| [1, 2, 3, 1] 1, b2, 3, 4, b5, 5, 6, b7, 7

A musical staff in G major (one sharp) with a treble clef. The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are shown above the bass notes: 8, 9, 8, 8-12, 12, 10, 10-11, 9, 9-10, 9. The bass staff continues with 10, 11-10, 9, 10-11, 9, 12, 13, 12, 12-13.

|○| + + |○|○| [1, 2, 3, 2] 1, b2, 3, 4, b5, 5, 6, b7, 7

A musical staff in G major (one sharp) with a treble clef. The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are shown above the bass notes: 8, 9, 8, 8-12, 12, 10, 10-11-10, 9, 9-10, 9. The bass staff continues with 10, 11-10, 9, 10-11-10, 9, 12, 13, 12, 12-13-12.

|○| + + |○|○| [1, 3, 2, 3] 1, b2, 3, 4, b5, 5, 6, b7, 7

A musical staff in G major (one sharp) with a treble clef. The melody consists of eighth-note patterns. Below it is a bass staff with two staves labeled A and B. Fingerings are shown above the bass notes: 8, 9, 8, 9, 12, 8, 10, 11-10-11, 9, 10-9, 10. The bass staff continues with 10, 11-10-11, 9, 11-10-11, 9, 12, 13, 12, 9, 13-12-13.

|○| |○| + + |○| [1, 3, 2] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

A musical score for two voices, A and B, on treble and bass staves. The treble staff has a treble clef and the bass staff has a bass clef. The music consists of two measures separated by a vertical bar line. The notes are primarily eighth and sixteenth notes, with some sixteenth-note grace patterns. The bass staff includes fingerings such as 9, 8, 11-12, 9-11, 10, 11-12, 9, 11-12, 10-12, 9, 13-9.

|○| |○| + + |○| [1, 2, 3] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

A musical score for two voices, A and B, on treble and bass staves. The treble staff has a treble clef and the bass staff has a bass clef. The music consists of two measures separated by a vertical bar line. The notes are primarily eighth and sixteenth notes. The bass staff includes fingerings such as 9, 8, 11-9-11, 10, 10-12, 11-9-11, 11, 10-12, 9, 9-13.

|○| |○| + + |○| [1, 3, 2, 1] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

A musical score for two voices, A and B, on treble and bass staves. The treble staff has a treble clef and the bass staff has a bass clef. The music consists of two measures separated by a vertical bar line. The notes are primarily eighth and sixteenth notes. The bass staff includes fingerings such as 9, 8, 11, 10, 9-11-9, 10, 11-12-10, 9, 11-12-10, 9, 11-9-12, 10, 12, 9, 13-9.

|○| |○| + + |○| [1, 2, 3, 1] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

A musical score for two voices, A and B, on treble and bass staves. The treble staff has a treble clef and the bass staff has a bass clef. The music consists of two measures separated by a vertical bar line. The notes are primarily eighth and sixteenth notes. The bass staff includes fingerings such as 9, 8, 10-12, 11, 10, 9-11-10, 9, 10-12, 11-10, 9-11, 11, 9-12, 10, 12, 9, 9-13.

$\begin{array}{c} \text{[O]} \\ \text{---} \\ \text{[O]} \end{array}$ [1, 2, 3, 2] 1, $\sqrt{2}$, 2, 3, 4, $\sqrt{5}$, 5, 6, $\sqrt{7}$, 7

A musical score for a six-string guitar. The top half shows a treble clef staff with a melodic line consisting of eighth and sixteenth notes. The bottom half shows three parallel bass staves labeled T, A, and B, each with a corresponding fingering below it. The first staff (T) has fingers 8-10, 9, and 10-12. The second staff (A) has fingers 9 and 9-10-12. The third staff (B) has fingers 8, 9-10-12, and 12. A vertical bar line separates the two halves of the score.

$\begin{array}{|c|c|c|c|c|} \hline \ominus & \oplus & | & | & \ominus \\ \hline \end{array}$ [1, 3, 2, 3] 1, $\sqrt{2}$, 2, 3, 4, $\sqrt{5}$, 5, 6, $\sqrt{7}$, 7

The image shows the first section of the sheet music for "The Star-Spangled Banner". The music is in common time and consists of two staves. The top staff is for the treble clef instrument, featuring a series of eighth and sixteenth note patterns. The bottom staff is for the bass clef instrument, showing a continuous eighth-note bass line. The key signature is one sharp, indicating G major. The lyrics "O'er the rampart we watch" are written below the notes.

$\vdash \bot \vdash \bot \vdash \bot \vdash \bot$ [1, 3, 4, 2] 1, $\flat 2$, 2, 3, 4, $\flat 5$, 5, 6, $\flat 7$, 7

The image shows a musical score for a six-string guitar. The top part features a treble clef staff with a melodic line consisting of eighth and sixteenth notes. The bottom part shows the guitar's neck with three sets of horizontal lines representing the strings. Fingerings are indicated by numbers above the strings: '8' and '9' on the first string, '10-12' on the second, '12' on the third, '8' and '9-10' on the fourth, '10-11' on the fifth, and '12' on the sixth. A vertical bar line separates two measures. In the second measure, fingerings include '9' on the first string, '10-11' on the second, '12' on the third, '10-11' on the fourth, '11-12' on the fifth, and '13' on the sixth. The final measure ends with '10-12' on the first string and '9' on the second.

$$|\Theta| \quad |\Theta| \quad |\Theta \oplus \Theta| \quad [1, 4, 3, 2] \quad 1, \flat 2, 2, 3, 4, \flat 5, 5, 6, \flat 7, 7$$

|○| |○| + |○|○| [1, 4, 2, 3] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

Treble clef staff: Sixteenth-note patterns.

Bass staff (Tablature):
 A: 8-9-8-8 9-12-10-11 10-9-11
 B: 8-10-12 9-12-10-11 10-9-11
 Fret markings: 8-10-12 9-12-10-11 10-9-11 10-11-12 11-10-12 10-13-12 9-13-12

|○| |○| + |○|○| [1, 2, 4, 3] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

Treble clef staff: Sixteenth-note patterns.

Bass staff (Tablature):
 A: 8-9-8-8 12-10-12 11-10-9-11 10-9
 B: 8-10 9-8-12 9-12-10-12 11-10-9-11
 Fret markings: 8-10 9-8-12 9-12-10-12 11-10-9-11 10-12 11-10-9-11 11-10-12 10-13-12 9-13-12

|○| |○| + |○|○| [1, 3, 2, 4] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

Treble clef staff: Sixteenth-note patterns.

Bass staff (Tablature):
 A: 8-9-12-9-8-10-11-9-10
 B: 8-10-12 9-12-10-12 11-9-11-10
 Fret markings: 8-10-12 9-12-10-12 11-9-11-10 10-12 11-9-11-12 10-11-12 13-10-12 9-12-13

|○| |○| + |○|○| [1, 2, 3, 4] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

Treble clef staff: Sixteenth-note patterns.

Bass staff (Tablature):
 A: 8-9-12-8-10-11-9-11 9-10
 B: 8-10-12 9-12-10-12 10-11-9-11
 Fret markings: 8-10-12 9-12-10-12 10-11-9-11 10-12 11-9-11-10 10-11-12 10-13-12 9-12-13

$\left| \ominus \right| \left| \right| \left| \right| \left| \right| \left| \ominus \right| \left| \right| [1, 2, 1] \quad 1, 3, 4, 5, 6, 7$

$$|\Theta| = |\Theta \cap \Theta'| = |\Theta| - |\Theta \setminus \Theta'| = |\Theta| - |\Theta' \setminus \Theta| = |\Theta| - |\Theta'|$$

A musical score for guitar. The top staff shows a treble clef and a key signature of one sharp. The melody consists of sixteenth-note patterns. The bottom staff shows a bass clef and a key signature of one sharp. It includes fingerings such as 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, and 14. The score is divided by a vertical bar line.

Θ | + + + Θ Θ Θ [1, 2, 4, 3] 1, b2, b3, 3, 4, b5, 5, b6, 6, b7, 7

The image shows a musical score for a six-string guitar. The top staff is a treble clef staff with a key signature of one sharp (F#). It contains a melodic line consisting of sixteenth-note patterns. The bottom staff is a bass clef staff with a key signature of one sharp (F#). It shows the fret positions for the notes in the melody. Fingerings are indicated above the strings: 'A' over the 1st string at the 9th fret, 'B' over the 2nd string at the 8th fret, 'C' over the 3rd string at the 11th fret, 'D' over the 4th string at the 12th fret, 'E' over the 5th string at the 10th fret, and 'F' over the 6th string at the 8th fret. A vertical bar line separates measures 8-10 from measures 10-12.

The image shows a musical score for a six-string guitar. The top staff is a treble clef staff with a melodic line consisting of eighth and sixteenth notes. The bottom staff is a bass clef staff with a harmonic line consisting of eighth notes. Fingerings are indicated above the strings: the first string has '8' over '12', '9' over '12', and '12-11-10'. The second string has '8' over '12', '9' over '12', and '12-11-10'. The third string has '8' over '12', '9' over '12', and '12-11-10'. The fourth string has '10' over '9', '11' over '9', and '10-9-11'. The fifth string has '10' over '9', '11' over '9', and '10-9-11'. The sixth string has '12' over '13', '13-12', and '12'. The score is divided by a vertical bar line.

|○| | | | ○| ○| [1, 2, 3, 4] 1, b2, b3, 3, 4, b5, 5, b6, 6, b7, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8-9, 11-12, 10-11, 10-11-9, 10-9-10, 10-9-10-11-9, 10-11-12-13, 10-11-12-13-12. The bottom staff shows fingerings: 8-12, 9-12, 11-12, 10-11, 10-11-9, 10-9-10, 10-9-10-11-9, 10-11-12-13, 10-11-12-13-12.

|○| | | | ○| | | [1, 2, 1] 1, b3, 3, 5, b6, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8-9, 9-9, 8-9, 10-9, 10-9-9, 10-10, 10-10-11, 10-11-12, 10-12-12, 10-12-12-12. The bottom staff shows fingerings: 8-12, 8-12, 11-10, 10-9, 10-9-9, 10-10, 10-10-11, 10-11-12, 10-12-12, 10-12-12-12.

|○| | | | ○| | | [1, 2, 3] 1, b2, b3, 3, 4, b5, 5, b6, b7, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8-9, 9-9, 8-9, 10-9, 10-9-9, 10-10, 10-10-11, 10-11-12, 10-12-12, 10-12-12-12. The bottom staff shows fingerings: 8-12, 9-12, 11-10, 10-9, 10-9-9, 10-10, 10-10-11, 10-11-12, 10-12-12, 10-12-12-12.

|○| | | | ○| | | [1, 3, 2, 1] 1, b2, b3, 3, 4, b5, 5, b6, b7, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8-9, 8-9, 11-10, 10-11-9, 10-9, 10-8, 10-11-9, 10-10, 10-11-9, 10-12-12, 10-12-12-12. The bottom staff shows fingerings: 8-12, 8-12, 11-10, 10-9, 10-9-9, 10-10, 10-10-11, 10-11-12, 10-12-12, 10-12-12-12.

|○| | | |○| |○| [1, 2, 3, 1] 1, b2, b3, 3, 4, b5, 5, b6, b7, 7

A musical score for a guitar or similar instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the A and B strings. The first measure has fingerings: A (8), B (12). The second measure has fingerings: A (9), B (12). The third measure has fingerings: A (11), B (12). The fourth measure has fingerings: A (8), B (10). The fifth measure has fingerings: A (9), B (10). The sixth measure has fingerings: A (11), B (10). The seventh measure has fingerings: A (9), B (10). The eighth measure has fingerings: A (11), B (12). The ninth measure has fingerings: A (9), B (12). The tenth measure has fingerings: A (11), B (12). The eleventh measure has fingerings: A (12), B (12). The twelfth measure has fingerings: A (12), B (12).

|○| | | |○| |○| [1, 3, 2, 3] 1, b2, b3, 3, 4, b5, 5, b6, b7, 7

A musical score for a guitar or similar instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the A and B strings. The first measure has fingerings: A (9), B (12). The second measure has fingerings: A (9), B (12). The third measure has fingerings: A (8), B (10). The fourth measure has fingerings: A (11), B (9). The fifth measure has fingerings: A (11), B (11). The sixth measure has fingerings: A (10), B (8). The seventh measure has fingerings: A (10), B (10). The eighth measure has fingerings: A (11), B (11). The ninth measure has fingerings: A (11), B (11). The tenth measure has fingerings: A (12), B (12). The eleventh measure has fingerings: A (12), B (12). The twelfth measure has fingerings: A (9), B (13). The thirteenth measure has fingerings: A (9), B (13). The fourteenth measure has fingerings: A (11), B (13). The fifteenth measure has fingerings: A (11), B (13). The sixteenth measure has fingerings: A (12), B (12).

|○| | | |○| |○| [1, 2, 3] 1, 2, b3, 3, 4, 5, 6, b7, 7

A musical score for a guitar or similar instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the A and B strings. The first measure has fingerings: A (8), B (12). The second measure has fingerings: A (10), B (12). The third measure has fingerings: A (10), B (10). The fourth measure has fingerings: A (8), B (10). The fifth measure has fingerings: A (9), B (12). The sixth measure has fingerings: A (10), B (12). The seventh measure has fingerings: A (10), B (12). The eighth measure has fingerings: A (11), B (12). The ninth measure has fingerings: A (10), B (12). The tenth measure has fingerings: A (11), B (12). The eleventh measure has fingerings: A (10), B (12). The twelfth measure has fingerings: A (11), B (12). The thirteenth measure has fingerings: A (10), B (12). The fourteenth measure has fingerings: A (11), B (12). The fifteenth measure has fingerings: A (10), B (12). The sixteenth measure has fingerings: A (10), B (12).

|○| | | |○| |○| [1, 3, 2, 1] 1, 2, b3, 3, 4, 5, 6, b7, 7

A musical score for a guitar or similar instrument. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for the A and B strings. The first measure has fingerings: A (8), B (12). The second measure has fingerings: A (12), B (10). The third measure has fingerings: A (12), B (10). The fourth measure has fingerings: A (10), B (8). The fifth measure has fingerings: A (9), B (10). The sixth measure has fingerings: A (10), B (8). The seventh measure has fingerings: A (10), B (10). The eighth measure has fingerings: A (10), B (9). The ninth measure has fingerings: A (10), B (10). The tenth measure has fingerings: A (10), B (9). The eleventh measure has fingerings: A (10), B (10). The twelfth measure has fingerings: A (10), B (10). The thirteenth measure has fingerings: A (12), B (11). Thefourteenth measure has fingerings: A (12), B (11). The fifteenth measure has fingerings: A (12), B (12). The sixteenth measure has fingerings: A (12), B (12).

|○| + |○| + |○| + [1, 2, 3, 1] 1, 2, b3, 3, 4, 5, 6, b7, 7

Musical score for the first pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two sets of bass clef staves labeled A and B. Below the staves are fingerings: 8-11-8-12-10-12-10-12-10-10-9-12-9-9-10-8-10-9-12-10-10-10-12-11-13-12-12-12-10-12.

|○| + |○| + |○| + [1, 3, 2, 3] 1, 2, b3, 3, 4, 5, 6, b7, 7

Musical score for the second pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two sets of bass clef staves labeled A and B. Below the staves are fingerings: 8-11-12-12-10-12-10-10-8-10-9-12-9-9-10-10-8-10-9-12-10-10-10-12-13-11-13-12-12-10-12.

|○| + |○| + |○| + |○| [1, 3, 4, 2] Total Chromatic

Musical score for the third pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two sets of bass clef staves labeled A and B. Below the staves are fingerings: 9-12-10-12-11-9-10-12-8-9-11-9-11-10-11-10-9-11-12-9-11-12-10-12-11-13-9-10-12.

|○| + |○| + |○| + |○| [1, 4, 3, 2] Total Chromatic

Musical score for the fourth pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two sets of bass clef staves labeled A and B. Below the staves are fingerings: 9-12-10-12-11-9-10-12-9-10-8-11-10-11-9-12-9-11-9-11-12-9-11-12-10-12-13-11-9-12.

|○| |○| |○| |○| [1, 3, 2, 4] Total Chromatic

A musical staff in treble clef with 12 notes. The notes are grouped into four measures of three notes each. The notes are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13. Below the staff are two sets of fingerings: A (index) and B (middle). Set A: 8-12-10, 9-11-9, 8-10-12, 10-12. Set B: 12-10-9, 11-9-8, 10-12-11, 11-10-8.

|○| |○| |○| |○| [1, 2, 3, 4] Total Chromatic

A musical staff in treble clef with 12 notes. The notes are grouped into four measures of three notes each. The notes are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13. Below the staff are two sets of fingerings: A (index) and B (middle). Set A: 8-10-12, 9-9-11, 8-10-12, 9-10-11. Set B: 12-10-9, 11-9-8, 10-12-11, 11-10-8.

|○| |○| |○| |○| [1, 3, 2] 1, b2, 2, 3, 4, b5, 5, 6, 7

A musical staff in treble clef with 12 notes. The notes are grouped into four measures of three notes each. The notes are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13. Below the staff are two sets of fingerings: A (index) and B (middle). Set A: 8-10-12, 12-9-10, 10-12-9, 11-10-9. Set B: 12-10-9, 10-12-11, 11-12-10, 13-12-11.

|○| |○| |○| |○| [1, 2, 3] 1, b2, 2, 3, 4, b5, 5, 6, 7

A musical staff in treble clef with 12 notes. The notes are grouped into four measures of three notes each. The notes are: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13. Below the staff are two sets of fingerings: A (index) and B (middle). Set A: 8-10-12, 9-12-10, 10-12-9, 11-10-9. Set B: 12-10-9, 10-12-11, 11-12-10, 13-12-11.

|○| |○| + |○| [1, 3, 2, 1] 1, b2, 2, 3, 4, b5, 5, 6, 7

|○| |○| + |○| [1, 2, 3, 1] 1, b2, 2, 3, 4, b5, 5, 6, 7

|○| |○| + |○| [1, 2, 3, 2] 1, b2, 2, 3, 4, b5, 5, 6, 7

|○| |○| + |○| [1, 3, 2, 3] 1, b2, 2, 3, 4, b5, 5, 6, 7

|○| |○| + + [1, 2, 1] 1, 2, b3, 3, 5, b7, 7

Musical staff showing a melodic line and fingerings for a Major Seventh scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note patterns. Fingerings below the staff indicate specific fingerings for each note: A (index), B (middle), C (ring), D (pinky). The fingering sequence is: 8-11-8-12, 10-10, 8-9-12-9, 10-10, 8-9-12-9-12, 11-12, 12-12.

|○| + + + + ○ [1, 2, 1] 1, b2, 3, 4, b5, 5, b7, 7

Musical staff showing a melodic line and fingerings for a Major Seventh scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note patterns. Fingerings below the staff indicate specific fingerings for each note: A (index), B (middle), C (ring), D (pinky). The fingering sequence is: 8-9, 8-10, 11-9-10, 9-9, 10-11-10, 9-11, 12-12, 13-12.

|○| |○| ○|○| [1, 4, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, 6, b7, 7

Musical staff showing a melodic line and fingerings for a Major Seventh scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note patterns. Fingerings below the staff indicate specific fingerings for each note: A (index), B (middle), C (ring), D (pinky). The fingering sequence is: 8-9, 8-12, 10-12, 10, 11-8-10-9-12, 10-9, 11-8-10-9, 11-10, 12-12, 9-11-13-12.

|○| |○| ○|○| [1, 2, 4, 3] 1, b2, 2, b3, 3, 4, b5, 5, 6, b7, 7

Musical staff showing a melodic line and fingerings for a Major Seventh scale pattern. The staff includes a treble clef, a key signature of one sharp, and a common time signature. The melody consists of eighth-note patterns. Fingerings below the staff indicate specific fingerings for each note: A (index), B (middle), C (ring), D (pinky). The fingering sequence is: 8-11, 9-8, 10-8, 12-10, 8-11-10-9-12, 10-9, 11-10-9-12, 11-10, 12-12, 9-11-13-12.

|θ| | |θ| |θ|θ| [1, 3, 2, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, b7, 7

T
A
B

8-11-12 10-8-11-9-12 | 10-10-8-11-9-12-12-11-13-11-12

|θ| | |θ| |θ|θ| [1, 2, 3, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, b7, 7

T
A
B

8-11-12 8-9-10-12-10 | 10-8-10-11-9-12-10-11-11-13-12

|θ| | |θ| | | | [1, 2, 1] 1, b2, 2, 3, b5, 5, 6, 7

T
A
B

8-10-8-12-12 9-10-12-10 | 9-11-9-10-12-10-9-11-9-12-12

|θ| | |θ| | |θ| [1, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b7, 7

T
A
B

8-11-12 9-10-8-10-8-11-9-12 | 10-10-8-11-9-12-11-11-12-12

\oplus \ominus \oplus \ominus \oplus [1, 3, 2, 1] 1, $b2$, 2, $b3$, 3, 4, $b5$, 5, $b7$, 7

The image shows a musical score for a six-string guitar. The top staff is a treble clef staff with a melodic line consisting of eighth and sixteenth notes. The bottom staff is a bass clef staff with a harmonic line consisting of eighth and sixteenth notes. Fingerings are indicated by numbers above the strings. The first measure starts with a C major chord (C, E, G) at the 12th fret. The second measure starts with a G major chord (G, B, D) at the 10th fret. The third measure starts with a C major chord (C, E, G) at the 9th fret. The fourth measure starts with a G major chord (G, B, D) at the 12th fret. The fifth measure starts with a C major chord (C, E, G) at the 11th fret. The sixth measure starts with a G major chord (G, B, D) at the 12th fret. The seventh measure starts with a C major chord (C, E, G) at the 11th fret. The eighth measure starts with a G major chord (G, B, D) at the 12th fret. The ninth measure starts with a C major chord (C, E, G) at the 11th fret. The tenth measure starts with a G major chord (G, B, D) at the 12th fret. The eleventh measure starts with a C major chord (C, E, G) at the 11th fret. The twelfth measure starts with a G major chord (G, B, D) at the 12th fret. The thirteenth measure starts with a C major chord (C, E, G) at the 11th fret. The fourteenth measure starts with a G major chord (G, B, D) at the 12th fret. The fifteenth measure starts with a C major chord (C, E, G) at the 11th fret. The sixteenth measure starts with a G major chord (G, B, D) at the 12th fret.

$\left| \begin{array}{|c|c|c|c|} \hline \ominus & | & \ominus & | & \oplus \\ \hline \end{array} \right| [1, 2, 3, 1] \quad 1, b2, 2, b3, 3, 4, b5, 5, b7, 7$

A musical score for a six-string guitar. The top staff shows a melodic line with various note heads and stems. The bottom staff provides fingerings for the strings, with labels A, B, and C above the strings and specific finger numbers (e.g., 8, 11, 9, 12) below them. The score includes a treble clef, a key signature of two sharps, and a common time signature.

\oplus \ominus \oplus \ominus \oplus [1, 3, 2, 3] 1, $b2$, 2, $b3$, 3, 4, $b5$, 5, $b7$, 7

Musical score for Treble (T), Bass (B), and Bassoon (B) parts. The score shows a melodic line for Treble, harmonic patterns for Bass, and rhythmic patterns for Bassoon. Measures 1-10 are shown above a vertical bar line, followed by measures 11-12 below it. The bassoon part includes a dynamic instruction '11-9'.

|○| |○| |○| | | [1, 3, 2, 1] 1, b2, 2, b3, 3, b5, 5, b6, 6, 7

Sheet music for a two-string instrument (A and B). The top staff shows a melodic line with grace notes and a harmonic line below. The bottom staff shows a harmonic line with fingerings: 8-12-10-8-12, 11-9, 10-12-10, 9, 11-9, 8, 10-12-10, 9, 11-9-12, 12-10, 12, 11-9, 12.

|○| |○| |○| | | [1, 2, 3, 1] 1, b2, 2, b3, 3, b5, 5, b6, 6, 7

Sheet music for a two-string instrument (A and B). The top staff shows a melodic line with grace notes and a harmonic line below. The bottom staff shows a harmonic line with fingerings: 8-10-12-8-12, 9-11, 10-12, 10, 9, 9-11, 9, 10-12-10, 9, 9-11, 9-12, 10-12, 12, 9-11, 12.

|○| |○| |○| | | [1, 2, 3, 2] 1, b2, 2, b3, 3, b5, 5, b6, 6, 7

Sheet music for a two-string instrument (A and B). The top staff shows a melodic line with grace notes and a harmonic line below. The bottom staff shows a harmonic line with fingerings: 8-10-12-10-12, 9-11-9-10-12, 12, 9, 9-11, 11-12, 10-12-10-12, 9-11-9.

23

Minor Seventh

Base



Patterns

|○| |○| |○|○| [1, 3, 2, 4] 1, b2, b3, 4, b5, 5, b6, 6, b7

Musical staff and tablature for patterns A and B. The staff shows a sequence of notes on a treble clef staff. Below it, two sets of tablature are shown for a guitar neck. Set A (top) has six strings with note heads and fingerings: 1 (8), 2 (11), 3 (9), 4 (11), 5 (9), 6 (12), 7 (10), 8 (8), 9 (11). Set B (bottom) has six strings with note heads and fingerings: 1 (8), 2 (11), 3 (9), 4 (11), 5 (9), 6 (12), 7 (10), 8 (10), 9 (11), 10 (10), 11 (8), 12 (11), 13 (11).

| Θ | | | Θ | | Θ | Θ [1, 2, 3, 4] 1, \flat 2, \flat 3, 4, \flat 5, 5, \flat 6, 6, \flat 7

T
A
B

8-11 9-11 9-11-12-10 8-10-11 10 8-10-11-8-11 9-10 11-13 9

| Θ | | | Θ | | Θ [1, 2, 3] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-11-10-12-10 9-11 10 9-11-8-12-12 10 10-12 12 9 9

| Θ | | | Θ | | Θ [1, 3, 2, 1] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-12-10-11 10 11-9 10 10-11-9 10 10-11-8-12-12 10 10-12 12 9 9

| Θ | | | Θ | | Θ [1, 2, 3, 1] 1, \flat 2, \flat 3, 3, \flat 5, 5, 6, 7

T
A
B

8-12 11 9-10-12-11 10 9-11 10 10-9-11-10 10 9-11-8-12-12 10 10-12 12 9 9

|○| + |○| + ○| |○| [1, 3, 2, 3] 1, b2, b3, 3, b5, 5, 6, 7

Guitar tablature for the first measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: T (thumb) at 9, A (index) at 12, B (middle) at 10, and G (ring) at 12. The bass strings are labeled 8, 12, 11.

|○| + |○| + ○| |○| [1, 2, 3] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the second measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: T at 9, A at 12, B at 10, and G at 11. The bass strings are labeled 8, 11, 10.

|○| + |○| + ○| |○| [1, 3, 2, 1] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the third measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: T at 9, A at 12, B at 9, and G at 10. The bass strings are labeled 8, 11, 8, 11.

|○| + |○| + ○| |○| [1, 2, 3, 1] 1, b2, b3, b5, 5, 6, b7

Guitar tablature for the fourth measure. The top staff shows a melodic line with sixteenth-note patterns. The bottom staff shows the guitar neck with fingerings: T at 9, A at 12, B at 10, and G at 11. The bass strings are labeled 8, 11, 8, 11.

| Θ | | Θ | | Θ | [1, 3, 2, 3] 1, \flat 2, \flat 3, \flat 5, 5, 6, \flat 7

T
A
B

9 9 12-9-12-10 11-8-11 10 11-8-11-8 10 10 11-12 9 9

| Θ | | Θ | | Θ | [1, 3, 2] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

9 10-11 12-8-10 11 10 11-12 8 10-12 9 10

| Θ | | Θ | | Θ | [1, 2, 3] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

8-10 9 8-12-10-12 11 10-12 11-8-10 10 10 10-12 9

| Θ | | Θ | | Θ | [1, 3, 2, 1] 1, \flat 2, 2, \flat 3, 4, \flat 5, 5, 6

T
A
B

9 10-8-11 12-8 10 11 12-10 10 11-12-10 8 10-8-12 10 10-12 9

|Θ| |Θ| + + |Θ| [1, 2, 3, 1] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + + |Θ| [1, 2, 3, 2] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + + |Θ| [1, 3, 2, 3] 1, b2, 2, b3, 4, b5, 5, 6

|Θ| |Θ| + |Θ| [1, 3, 4, 2] 1, b2, 2, b3, 4, b5, 5, b6, 6

|○| |○| + |○|○| [1, 4, 3, 2] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| + |○|○| [1, 3, 2, 4] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| + |○|○| [1, 2, 3, 4] 1, ♫2, 2, ♫3, 4, ♫5, 5, ♫6, 6

|○| |○| |○| + |○| [1, 3, 2] 1, 2, ♫3, 3, 4, 5, 6, 7

|○| |○| |○| + [1, 3, 2, 1] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures 1-2 (8 notes each).

Bass staff (labeled A): Measures 1-2 (8 notes each). Fingerings: 8-12-10-8-11, 10-8, 10-12-10.

Bass staff (labeled B): Measures 1-2 (8 notes each). Fingerings: 8-12-10-8-11, 10-8-11.

|○| |○| |○| + [1, 2, 3, 1] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures 1-2 (8 notes each).

Bass staff (labeled A): Measures 1-2 (8 notes each). Fingerings: 8-10-12-8-11, 8-10, 10-12-10.

Bass staff (labeled B): Measures 1-2 (8 notes each). Fingerings: 8-10-12-8-11, 8-10-11.

|○| |○| |○| + [1, 2, 3, 2] 1, 2, \flat 3, 3, 4, 5, 6, 7

Treble clef staff: Measures 1-2 (8 notes each).

Bass staff (labeled A): Measures 1-2 (8 notes each). Fingerings: 8-10-12-10-11, 8-10-8-10-12-12.

Bass staff (labeled B): Measures 1-2 (8 notes each). Fingerings: 8-10-12-10-11, 8-10-8-10-12-12.

|○| |○| | | + [1, 2, 1] 1, 2, \flat 3, 4, 5, 6

Treble clef staff: Measures 1-2 (8 notes each).

Bass staff (labeled A): Measures 1-2 (8 notes each). Fingerings: 8-10-8-11-11, 8-10-12-10.

Bass staff (labeled B): Measures 1-2 (8 notes each). Fingerings: 8-10-8-11-11, 8-10-12-10.

|○| + | + |○|○|○| [1, 3, 2, 4] 1, b2, b3, 3, 4, b5, 5, b6, 6, 7

Musical staff with a treble clef, showing a melodic line consisting of sixteenth-note patterns. Below the staff are three staves labeled T (Treble), A (Alto), and B (Bass). Fingerings are indicated below each staff:

- T: 8-12, 9-11, 11-10, 12-10, 10-9-11, 10
- A: 10-9-11-8, 9-10-12-12, 13-12
- B: 8, 12, 11

|○| + | + |○|○|○| [1, 2, 3, 4] 1, b2, b3, 3, 4, b5, 5, b6, 6, 7

Musical staff with a treble clef, showing a melodic line consisting of sixteenth-note patterns. Below the staff are three staves labeled T (Treble), A (Alto), and B (Bass). Fingerings are indicated below each staff:

- T: 8-12, 9-11, 10-11, 12-10, 9-10-11, 10
- A: 9-10-11-8-12, 9-10-12-13, 12
- B: 8, 9, 11

|○| + |○| + |○| [1, 3, 2, 1] 1, b3, 4, b5, 5, b6, b7

Musical staff with a treble clef, showing a melodic line consisting of sixteenth-note patterns. Below the staff are three staves labeled T (Treble), A (Alto), and B (Bass). Fingerings are indicated below each staff:

- T: 8-11, 8-11, 11-9, 10-10, 10-8
- A: 10-8, 8-10, 9-11-8-12, 13-11-12
- B: 8, 11

|○| + |○| + |○| [1, 2, 3, 1] 1, b3, 4, b5, 5, b6, b7

Musical staff with a treble clef, showing a melodic line consisting of sixteenth-note patterns. Below the staff are three staves labeled T (Treble), A (Alto), and B (Bass). Fingerings are indicated below each staff:

- T: 8-11, 8-11, 9-11, 10-10, 8-10
- A: 10-8-10, 8-11-9-8-12, 11-13-12
- B: 8, 11

|○| | |○| + + | [1, 2, 1] 1, b3, b5, 5, b7

|○| + + | + |○|○| [1, 2, 3] 1, b2, b3, 4, b5, 5, b6, 6

|○| + + | + |○|○| [1, 3, 2, 1] 1, b2, b3, 4, b5, 5, b6, 6

|○| + + | + |○|○| [1, 2, 3, 1] 1, b2, b3, 4, b5, 5, b6, 6

|○| + | + | ○|○| [1, 3, 2, 3] 1, b2, b3, 4, b5, 5, b6, 6

T
A
B

9 8 9 12-11-12-10 11-10-11-10 11-10-11-8 10-9-10 12 9 9
8 11 10 11 10 10 10 12 12 12

|○| + | + | ○| + | [1, 2, 1] 1, b3, 3, 5, 7

T
A
B

9 10 10 10 10 9 10 9 10 12 8-12-8-11 10 11 10 10 10 10 12

|○| + |○| + |○| + |○| [1, 3, 4, 2] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

T
A
B

9 10-12-8-10 9-11 12 9 11 10-12 10-12 10 12 10 10 12 10 10 12 10

|○| + |○| + |○| + |○| [1, 4, 3, 2] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

T
A
B

9 10-11 12-10-8-10 11-9 12 10 11-9 12 8 10 12-10-12 9 12-10

|○| |○| |○| |○| [1, 3, 2, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

8-12-10-11 9-10-8-12-10-12 9-11-10-12 10-12

|○| |○| |○| |○| [1, 2, 3, 4] 1, b2, 2, b3, 3, 4, b5, 5, 6, 7

8-10-12-11 9-11-8-10-12-10-12 9-11-10-12 10-12

|○+|○+|○+| [1, 3, 2] 1, 2, b3, 4, 5, b6, 6

8-10-11-12 10-12 10-8 9-10-12 13-10

|○+|○+|○+| [1, 3, 2, 1] 1, 2, b3, 4, 5, b6, 6

8-10-8-11-11-8-10-12-10 10-12-10 10-8 9-10-8-12-12 13-10

|○| |○| + |○| [1, 2, 3, 1] 1, 2, \flat 3, 4, 5, \flat 6, 6

Musical staff showing a melodic line and a bass staff with fingerings for a minor seventh chord.

Melodic Staff:

- Notes: $\text{A}^{\sharp}, \text{B}, \text{C}^{\sharp}, \text{D}, \text{E}, \text{F}^{\sharp}, \text{G}^{\sharp}, \text{A}^{\sharp}$
- Chord: $\text{A}^{\sharp}\text{C}^{\sharp}\text{E}\text{G}^{\sharp}$

Bass Staff:

- Fingerings: 8-10, 8-11, 8-11, 10-12, 10, 10-12-10, 10-12-10, 8-10, 9, 8-12, 10-13, 12

|○| |○| + |○| [1, 2, 3, 2] 1, 2, \flat 3, 4, 5, \flat 6, 6

Musical staff showing a melodic line and a bass staff with fingerings for a minor seventh chord.

Melodic Staff:

- Notes: $\text{A}^{\sharp}, \text{B}, \text{C}^{\sharp}, \text{D}, \text{E}, \text{F}^{\sharp}, \text{G}^{\sharp}, \text{A}^{\sharp}$
- Chord: $\text{A}^{\sharp}\text{C}^{\sharp}\text{E}\text{G}^{\sharp}$

Bass Staff:

- Fingerings: 8-10, 10-11, 8-11-8-10-12, 10, 10-12-12, 10-12-12, 8-10, 9, 10-12, 10-13-10

|○| + | + | + |○| [1, 2, 1] 1, \flat 2, \flat 3, \flat 5, 5, 6

Musical staff showing a melodic line and a bass staff with fingerings for a minor seventh chord.

Melodic Staff:

- Notes: $\text{A}^{\sharp}, \text{B}, \text{C}^{\sharp}, \text{D}, \text{E}, \text{F}^{\sharp}, \text{G}^{\sharp}, \text{A}^{\sharp}$
- Chord: $\text{A}^{\sharp}\text{C}^{\sharp}\text{E}\text{G}^{\sharp}$

Bass Staff:

- Fingerings: 8-9, 8-11, 12-10, 11-10, 10-10, 11-10, 8-10, 9, 8-12, 12

|○| + | + | + |○| [1, 2, 1] 1, \flat 3, 4, 5, \flat 6

Musical staff showing a melodic line and a bass staff with fingerings for a minor seventh chord.

Melodic Staff:

- Notes: $\text{A}^{\sharp}, \text{B}, \text{C}^{\sharp}, \text{D}, \text{E}, \text{F}^{\sharp}, \text{G}^{\sharp}, \text{A}^{\sharp}$
- Chord: $\text{A}^{\sharp}\text{C}^{\sharp}\text{E}\text{G}^{\sharp}$

Bass Staff:

- Fingerings: 8-8, 8-11, 11-10, 10-10, 10-10, 8-9, 8-12, 13-12

24

Half Diminished Arpeggio

Base



Patterns

|○| |○| | |○| [1, 2, 3] 1, 2, b3, 4, b5, b6, b7, 7

A musical staff in treble clef with sixteenth-note patterns. Below it is a bass staff with note heads numbered 8 through 11. A vertical line connects the two staves. The bass staff has labels: 8-10-11 on the left, 8-11-9-11 above the line, 9-8-10-8 below the line, 10-12 on the right, 10-8-10-11 above the line, 9-9-12-11-13 below the line, and 11 at the far right.

|○| |○| + |○| [1, 3, 2, 1] 1, 2, b3, 4, b5, b6, b7, 7

|○| |○| + |○| [1, 2, 3, 1] 1, 2, b3, 4, b5, b6, b7, 7

|○| |○| + |○| [1, 3, 2, 3] 1, 2, b3, 4, b5, b6, b7, 7

|○| |○| + |○| [1, 3, 2, 4] 1, 2, b3, 3, 4, b5, 5, b6, 6, b7

|Θ| |Θ| |Θ| |Θ| [1, 2, 3, 4] 1, 2, b3, 3, 4, b5, 5, b6, 6, b7

Treble clef, 12/8 time. Melodic line consists of sixteenth-note patterns. Fingerings for strings A and B are provided below the staff.

String A:

- Measure 1: 8-10-12
- Measure 2: 9-11
- Measure 3: 8-10 12-9-11
- Measure 4: 8-10-8-10-12
- Measure 5: 9-10-12
- Measure 6: 9-11-8-10-12
- Measure 7: 10-11
- Measure 8: 9-11-13 11-13
- Measure 9: 10-12
- Measure 10: 9-11-8-10-12
- Measure 11: 10-12
- Measure 12: 9-11-13 11-13

String B:

- Measure 1: 8-10-12
- Measure 2: 9-11
- Measure 3: 8-10 12-9-11
- Measure 4: 8-10-8-10-12
- Measure 5: 9-10-12
- Measure 6: 9-11-8-10-12
- Measure 7: 10-11
- Measure 8: 9-11-13 11-13
- Measure 9: 10-12
- Measure 10: 9-11-8-10-12
- Measure 11: 10-12
- Measure 12: 9-11-13 11-13

|Θ| |Θ| | | |Θ| [1, 2, 3] 1, 2, b3, 3, 4, b5, b6, 6, b7

Treble clef, 12/8 time. Melodic line consists of sixteenth-note patterns. Fingerings for strings A and B are provided below the staff.

String A:

- Measure 1: 8-10-11
- Measure 2: 9-11
- Measure 3: 8-12-9-11
- Measure 4: 10-8-10
- Measure 5: 9-10-12
- Measure 6: 11-8-10
- Measure 7: 10-11
- Measure 8: 9-13-11-13
- Measure 9: 10-12
- Measure 10: 11-8-10
- Measure 11: 10-11
- Measure 12: 9-13-11-13

String B:

- Measure 1: 8-10-11
- Measure 2: 9-11
- Measure 3: 8-12-9-11
- Measure 4: 10-8-10
- Measure 5: 9-10-12
- Measure 6: 11-8-10
- Measure 7: 10-11
- Measure 8: 9-13-11-13
- Measure 9: 10-12
- Measure 10: 11-8-10
- Measure 11: 10-11
- Measure 12: 9-13-11-13

|Θ| |Θ| | | |Θ| [1, 3, 2, 1] 1, 2, b3, 3, 4, b5, b6, 6, b7

Treble clef, 12/8 time. Melodic line consists of sixteenth-note patterns. Fingerings for strings A and B are provided below the staff.

String A:

- Measure 1: 8-10-8-11
- Measure 2: 9-11
- Measure 3: 12-8-11
- Measure 4: 9-11-9
- Measure 5: 10-8
- Measure 6: 9-10-8
- Measure 7: 10-11
- Measure 8: 12-10
- Measure 9: 8-10-8-11
- Measure 10: 10-11
- Measure 11: 8-10-8-11
- Measure 12: 13-9-11-13-11

String B:

- Measure 1: 8-10-8-11
- Measure 2: 9-11
- Measure 3: 12-8-11
- Measure 4: 9-11-9
- Measure 5: 10-8
- Measure 6: 9-10-8
- Measure 7: 10-11
- Measure 8: 12-10
- Measure 9: 8-10-8-11
- Measure 10: 10-11
- Measure 11: 8-10-8-11
- Measure 12: 13-9-11-13-11

|Θ| |Θ| | | |Θ| [1, 2, 3, 1] 1, 2, b3, 3, 4, b5, b6, 6, b7

Treble clef, 12/8 time. Melodic line consists of sixteenth-note patterns. Fingerings for strings A and B are provided below the staff.

String A:

- Measure 1: 8-10-9
- Measure 2: 8-11
- Measure 3: 8-12-11
- Measure 4: 9-11-9
- Measure 5: 10-8-10
- Measure 6: 9-8
- Measure 7: 10-12
- Measure 8: 10-11
- Measure 9: 8-10-8-11
- Measure 10: 10-11
- Measure 11: 8-10-8-11
- Measure 12: 9-13-11-13-11

String B:

- Measure 1: 8-10-9
- Measure 2: 8-11
- Measure 3: 8-12-11
- Measure 4: 9-11-9
- Measure 5: 10-8-10
- Measure 6: 9-8
- Measure 7: 10-12
- Measure 8: 10-11
- Measure 9: 8-10-8-11
- Measure 10: 10-11
- Measure 11: 8-10-8-11
- Measure 12: 9-13-11-13-11

|○| |○| | | |○| [1, 3, 2, 3] 1, 2, b3, 3, 4, b5, b6, 6, b7

Treble staff: Sixteenth-note patterns.

Bass staff (A string): 8-9-9-12-8-12-9-10-10-8-10

Bass staff (B string): 10-11-11-8-10-10-11-13-9-13-11-13

Bass staff (G string): 12-12

|○| | |○| |○| | [1, 2, 3] 1, b2, b3, 4, b5, b6, 6, b7, 7

Treble staff: Sixteenth-note patterns.

Bass staff (A string): 8-10-8-11-9-11-9-12-9-8-11

Bass staff (B string): 10-8-10-8-11-9-10-12-11-9-11

|○| | |○| |○| | [1, 3, 2, 1] 1, b2, b3, 4, b5, b6, 6, b7, 7

Treble staff: Sixteenth-note patterns.

Bass staff (A string): 8-11-8-11-11-9-9-12-9-8-11

Bass staff (B string): 10-8-10-8-11-9-11-8-11-12-10-11-11-11

Bass staff (G string): 11-9

|○| | |○| |○| | [1, 2, 3, 1] 1, b2, b3, 4, b5, b6, 6, b7, 7

Treble staff: Sixteenth-note patterns.

Bass staff (A string): 8-11-8-8-11-9-11-9-12-9-8-11

Bass staff (B string): 10-8-10-8-11-9-8-11-10-12-11-11-11

Bass staff (G string): 9-11

|Θ| + |Θ| + |Θ| + |Θ| [1, 3, 2, 3] 1, b2, b3, 4, b5, b6, 6, b7, 7

|Θ| + | + | + |Θ| [1, 2, 1] 1, b3, 4, b5, b6, b7, 7

|Θ| + |Θ| + |Θ| [1, 2, 3] 1, b2, b3, 3, b5, 6, b7

|Θ| + |Θ| + |Θ| [1, 3, 2, 1] 1, b2, b3, 3, b5, 6, b7

|○| |○| |○| [1, 2, 3, 1] 1, ♫2, ♫3, 3, ♫5, 6, ♫7

Diagram below the staff:

<i>T</i>												
<i>A</i>	8-11	9	8-11	9-12	9-12	10	8-11	8	10	9	10	11
<i>B</i>	8	11	11	10	10	9	8	10	10	11	10	11

|○| |○| |○| [1, 3, 2, 3] 1, ♫2, ♫3, 3, ♫5, 6, ♫7

Diagram below the staff:

<i>T</i>												
<i>A</i>	9	9	12	9-12	9	10	10	8	11	9	10	10
<i>B</i>	8	11	11	12	9-12	9	10	12	10	10	11	11

|○| |○| |○| | | [1, 3, 2, 1] 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, ♫7

Diagram below the staff:

<i>T</i>												
<i>A</i>	8-12	10	8	11	10	8	9	8-12	10	8	11	11
<i>B</i>	8	10	8	11	9	8	11	9	12	10	11	11

|○| |○| |○| | | [1, 2, 3, 1] 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, ♫7

Diagram below the staff:

<i>T</i>												
<i>A</i>	8-10-12	8	11	9	11	8	8-10-12	8	11	9	11	11
<i>B</i>	8	10	8	11	9	11	9	10	12	10	9	10

| ⊖ | + | + | + | ⊖ | [1, 2, 1] 1, b3, 3, b5, 6, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The T string has notes at 9, 12, 9, 10, 9, 8, 8. The A string has notes at 10, 11, 8, 10, 10, 11, 10. The B string has notes at 8, 11, 11, 12, 9, 10, 9. The score consists of two measures separated by a vertical bar. The first measure ends with a fermata over the eighth note on the B string. The second measure begins with a fermata over the tenth note on the A string.

| ⊖ | + | + | ⊖ | + | [1, 2, 1] 1, 2, b3, 3, b5, 5, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The T string has notes at 10, 9, 8, 8, 12, 8. The A string has notes at 10, 9, 10, 11, 11, 10, 10. The B string has notes at 8, 12, 8, 11, 11, 10, 9. The score consists of two measures separated by a vertical bar. The first measure ends with a fermata over the ninth note on the A string. The second measure begins with a fermata over the tenth note on the A string.

| ⊖ | + | ⊖ | + | + | [1, 2, 1] 1, b2, b3, b5, 6, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The T string has notes at 9, 12, 9, 11, 10, 11, 10. The A string has notes at 8, 11, 8, 11, 11, 10, 11. The B string has notes at 8, 11, 8, 11, 11, 12, 9. The score consists of two measures separated by a vertical bar. The first measure ends with a fermata over the ninth note on the A string. The second measure begins with a fermata over the tenth note on the A string.

| ⊖ | + | + | ⊖ | + | [1, 2, 3] 1, 2, b3, 3, b5, 5, 6, b7

A musical score for a three-string instrument (T, A, B) in treble clef. The T string has notes at 9, 12, 9, 11, 10, 12, 9, 10. The A string has notes at 8, 10, 8, 12, 9, 10, 11, 10. The B string has notes at 8, 12, 11, 10, 12, 9, 11, 10. The score consists of two measures separated by a vertical bar. The first measure ends with a fermata over the ninth note on the A string. The second measure begins with a fermata over the tenth note on the A string.

$\left| \begin{array}{cccccc} \ominus & | & | & | & \ominus & | & \ominus \end{array} \right| [1, 3, 2, 1] \quad 1, 2, \flat 3, 3, \flat 5, 5, 6, \flat 7$

A musical score for guitar featuring a treble clef staff and a tablature staff below it. The treble clef staff shows sixteenth-note patterns. The tablature staff shows the sixteenth-note patterns as they would appear on a guitar neck, with fingerings indicated above the strings. The score consists of two measures separated by a vertical bar line.

$\text{[}\ominus\text{---|---|---|}\ominus\text{---|}\ominus\text{]}$ [1, 2, 3, 1] 1, 2, \flat 3, 3, \flat 5, 5, 6, \flat 7

$$|\ominus| \quad | \quad | \quad |\ominus| \quad |\ominus| \quad [1, 3, 2, 3] \quad 1, 2, \sqrt{3}, 3, \sqrt{5}, 5, 6, \sqrt{7}$$

The musical score consists of two staves. The top staff is a treble clef staff with six measures of music. The bottom staff is a bass clef staff with six measures of music. The bass staff has labels A, B, and C under it, corresponding to the three sections of the piece. The bass staff also has numerical markings below it: 8, 9, 12, 9, 11, 12-10-12-9, 10, 8, 10, 8, 12, 10, 11-9-11-8, 12, 10, 11, 13-11-13-11, and 12-10-12.

\oplus \ominus \mid \mid \mid \mid $[1, 2, 1]$ $1, 2, \flat 3, 4, \flat 5, \flat 6, \flat 7$

The musical score consists of two staves. The top staff is a treble clef staff with a key signature of one sharp (F#). It contains a melodic line with sixteenth-note patterns and eighth-note chords. The bottom staff is a bass clef staff with a key signature of one sharp (F#). It shows a harmonic progression with notes labeled A, B, and C, corresponding to the chords in the top staff. Below the staff, the notes are numbered 8-10-8-11-11-9. The score is divided by a vertical bar line.

$$|\Theta| \oplus |\Theta| \quad |\Theta| \oplus |\Theta| \quad [1, 4, 2, 3] \quad 1, 2, \flat 3, 3, 4, \flat 5, \flat 6, 6, \flat 7, 7$$

Musical score for the first movement of Beethoven's Violin Concerto in D major, showing measures 12-13. The score includes a treble clef, a key signature of one sharp, and a common time signature. The violin part consists of sixteenth-note patterns. The piano accompaniment is shown below, with bass notes indicated by Roman numerals I, II, III, and IV, and treble notes by A, B, C, and D. Measure 12 ends with a repeat sign and begins again in measure 13.

$$|\Theta| \quad |\Theta| \quad | \quad |\Theta| \Theta \quad [1, 2, 4, 3] \quad 1, 2, \flat 3, 3, 4, \flat 5, \flat 6, 6, \flat 7, 7$$

The image shows a musical score for guitar. The top part is a staff with a treble clef, featuring a continuous melody of sixteenth-note patterns. The bottom part is a guitar neck diagram with three strings labeled A, D, and B. It includes fingering numbers above the strings and a box containing specific fingerings below them. The box contains the following fingerings: 8-10, 9-8, 11, 8-12-11-10-9-11, 10-9, 8-10, 10-12, 11-10-8-10, 10-9, 11, 9-13-12-11-13, and 12-11.

$$|\Theta| = |\Theta| + |\Theta| \quad [1, 3, 2, 4] \quad 1, 2, b3, 3, 4, b5, b6, 6, b7, 7$$

The image shows a musical score for a six-string guitar. The top half is a standard staff notation with a treble clef, showing a sequence of notes and rests. The bottom half is a tablature, where each horizontal line represents a string and each vertical tick mark represents a fret. The tablature shows a continuous melody across the strings. Above the tablature, there are two labels: 'A' on the first string and 'B' on the third string. Below the tablature, numerical values indicate specific fret positions: 8, 10, 9, 11, 11-8-12, 9, 11, 10, 12, 11-8, 9, 10, 11, 12-9-13-11, 13, 11, 12.

$$|\Theta| \quad |\Theta| \quad | \quad |\Theta| \oplus |\Theta| \quad [1, 2, 3, 4] \quad 1, 2, \flat 3, 3, 4, \flat 5, \flat 6, 6, \flat 7, 7$$

T

A

B

8-10 8 9 11 8 11-12 9-11 9-10 8-10 | 10-12 10-11 8-10 9-10 11 9-12-13-11-13 11-12

|○| + + |○|○| [1, 3, 2] 1, b3, 3, 4, b5, b6, 6, b7, 7

|○| + + |○|○| [1, 2, 3] 1, b3, 3, 4, b5, b6, 6, b7, 7

|○| + + |○|○| [1, 3, 2, 1] 1, b3, 3, 4, b5, b6, 6, b7, 7

|○| + + |○|○| [1, 2, 3, 1] 1, b3, 3, 4, b5, b6, 6, b7, 7

|○| + + |○|○| [1, 2, 3, 2] 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7

Treble staff: Fingerings: 1, 2, 3, 2, 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7.

Bass staff: Fingerings: 8-9-8, 11-12-11-9, 9-10-9-8, 10-11-10-8, 9-10-9-11, 12-13-12-11.

Guitar A (A string): Fingerings: 8, 9, 8, 11-12-11-9.

Guitar B (B string): Fingerings: 8, 9, 8, 11-12-11-9.

|○| + + |○|○| [1, 3, 2, 3] 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7

Treble staff: Fingerings: 1, 2, 3, 2, 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7.

Bass staff: Fingerings: 9-8-9, 12-11-12-9, 10-9-10-8, 11-10-11-8, 10-9-10-11, 13-12-13-11.

Guitar A (A string): Fingerings: 9, 8, 9, 11-12-11-9.

Guitar B (B string): Fingerings: 8, 9, 8, 11-12-11-9.

|○| + |○| + |○|○| [1, 4, 2, 3] 1, ♫2, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7

Treble staff: Fingerings: 1, 2, 3, 2, 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7.

Bass staff: Fingerings: 9-8-12-9-11-9-12, 10-9-8-9-11-8, 11-8-10-8-10-9-11, 13-10-12-11.

Guitar A (A string): Fingerings: 9, 8, 11-12-11-9.

Guitar B (B string): Fingerings: 8, 11-12-11-9-12.

|○| + |○| + |○|○| [1, 2, 4, 3] 1, ♫2, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7

Treble staff: Fingerings: 1, 2, 3, 2, 1, ♫3, 3, 4, ♫5, ♫6, 6, ♫7, 7.

Bass staff: Fingerings: 8-11-9-8-11-9-12-11-9-12, 10-9-8-11-9-8-11, 8-11-10-8-11-10-9-11, 10-13-12-11-9-12-11.

Guitar A (A string): Fingerings: 8, 11-9-8-11-9-12.

Guitar B (B string): Fingerings: 8, 11-9-8-11-9-12.

|θ| | | θ| |θ|θ| [1, 3, 2, 4] 1, b2, b3, 3, 4, b5, b6, 6, b7, 7

Bass fingerings: 8-11-12-9-12-9-10-8-11-10-8-11-12-10-13-11-11-9-12

|θ| | | θ| |θ|θ| [1, 2, 3, 4] 1, b2, b3, 3, 4, b5, b6, 6, b7, 7

Bass fingerings: 8-11-12-9-11-12-9-12-9-10-8-11-10-8-10-11-8-11-9-10-10-12-13-11-9-11-12

|θ| | | | θ|θ|θ| [1, 4, 2, 3] 1, 2, b3, 3, 4, b5, 5, b6, 6, b7, 7

Bass fingerings: 8-12-11-10-11-9-10-8-9-8-12-10-11-9-10-11-9-10-12-9-11-13-11-12-11-12-10-11

|θ| | | | θ|θ|θ| [1, 2, 4, 3] 1, 2, b3, 3, 4, b5, 5, b6, 6, b7, 7

Bass fingerings: 8-12-9-8-11-10-12-11-9-8-10-9-8-12-9-8-10-9-11-10-8-12-10-9-11-13-12-11-10-12-11

|Θ| + + |Θ|Θ|Θ| [1, 3, 2, 4] 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, 6, ♫7, 7

Musical score for two staves (A and B). The top staff (A) has a treble clef and consists of six measures of sixteenth-note patterns. The bottom staff (B) has a bass clef and consists of six measures of eighth-note patterns. Measure numbers 1 through 12 are indicated below the staff.

Staff A measures 1-6: 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, 6, ♫7, 7

Staff B measures 1-6: 8-12, 11-10-12-9, 9-8-10-8, 12-10, 10-9-11-8, 12-11, 12-11-13-11

Staff A measures 7-12: 11-10-12-11-12-13-14

Staff B measures 7-12: 10-9-11-8-12, 9-10-11-12-13-11

|Θ| + + |Θ|Θ|Θ| [1, 2, 3, 4] 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, 6, ♫7, 7

Musical score for two staves (A and B). The top staff (A) has a treble clef and consists of six measures of sixteenth-note patterns. The bottom staff (B) has a bass clef and consists of six measures of eighth-note patterns. Measure numbers 1 through 12 are indicated below the staff.

Staff A measures 1-6: 1, 2, ♫3, 3, 4, ♫5, 5, ♫6, 6, ♫7, 7

Staff B measures 1-6: 8-12, 11-10-12-9, 8-9-10-8-12, 8-9, 10-9-10-11-8-12, 9-10-11-12-13-11

Staff A measures 7-12: 10-9-11-12-13-14

Staff B measures 7-12: 10-9-11-8-12, 9-10-11-12-13-11

25

Common Pentatonic

Base



Patterns

1 2 1 1, 2, 3, 4, 5, 6

A musical staff and a guitar neck diagram illustrating a pentatonic scale pattern. The musical staff shows a sequence of notes: eighth note, sixteenth note, eighth note, sixteenth note, eighth note, sixteenth note, eighth note, sixteenth note, eighth note, sixteenth note. Below the staff is a guitar neck diagram with two staves. The top staff has fret numbers 8, 10, 12, 10, 12, 12. The bottom staff has fret numbers 8, 8-10, 10-12, 12, 10-12, 12. Above the guitar neck, the sequence 1 2 1 2 1 is shown above the first five notes of the staff, corresponding to the notes on the first five strings of the guitar neck.

|○| | | | |○| [1, 2, 1] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7

Treble staff: Sixteenth-note patterns.

Bass staff (Ending 1): 8-8-10-11-10-12-12 | 10-11-10-12-12-12-12 | 9-11-9-12-12-10-10

Bass staff (Ending 2): 8-8-10-11-10-12-12 | 10-11-10-12-12-12 | 9-11-9-12-12-10-10

|○| | | |○| | | [1, 2, 1] 1, b2, 2, 3, b5, 5, b6, 6, 7

Treble staff: Sixteenth-note patterns.

Bass staff (Ending 1): 8-12-8-10-10-12-12 | 10-9-10-12-11-12 | 9-11-9-12-12-10-10

Bass staff (Ending 2): 8-12-8-10-10-12-12 | 10-9-10-12-11-12 | 9-11-9-12-12-10-10

|○| |○| |○| | | [1, 2, 3] 1, b2, 2, 3, b5, 5, b6, 6, 7

Treble staff: Sixteenth-note patterns.

Bass staff (Ending 1): 8-10-12-10-12-12 | 9-9-11-10-12-12 | 9-11-9-12-12-10-10

Bass staff (Ending 2): 8-10-12-10-12-12 | 9-9-11-10-12-12 | 9-11-9-12-12-10-10

|○| |○| |○| + [1, 3, 2, 1] 1, b2, 2, 3, b5, 5, b6, 6, 7

T
A
B

8-12-10-8-10-9-12-10-12-11 | 9-12-10-9-12-10-12-11-9-12

³

T
A
B

10-9-12-10-12-11-9-12-9 | 11-9-12-12-10-12-10-9-12-10

|○| |○| |○| + [1, 2, 3, 1] 1, b2, 2, 3, b5, 5, b6, 6, 7

T
A
B

8-10-12-8-10-12-9-10-12-9 | 11-12-10-12-9-10-12-9-11-12

³

T
A
B

10-12-9-10-12-9-11-12 | 9-9-12-10-12-12-10-12-9-10

|○| |○| |○| + [1, 3, 2, 3] 1, b2, 2, 3, b5, 5, b6, 6, 7

|○| |○| | |○| + [1, 2, 3] 1, 2, 3, 4, b5, 5, 6, 7

|○| |○| | |○| + [1, 3, 2, 1] 1, 2, 3, 4, b5, 5, 6, 7

|○| |○| + |○| [1, 2, 3, 1] 1, 2, 3, 4, ♫5, 5, 6, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8, 10, 8, 10, 12, 10, 10, 12, 9. The bottom staff shows: 8-10-8-10-12-10-10-12-9. The right side of the score is divided by a vertical bar.

3

The top staff continues with: 12, 10, 12, 10, 10, 12, 9, 12, 12. The bottom staff continues with: 10-12-10-12-9-12-9-11. The right side of the score is divided by a vertical bar.

|○| |○| + |○| [1, 3, 2, 3] 1, 2, 3, 4, ♫5, 5, 6, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8, 10, 8, 10, 12, 10, 12. The bottom staff shows: 8-10-8-10-12-10-12. The right side of the score is divided by a vertical bar.

3

The top staff continues with: 9, 12, 10, 10, 12, 10, 12, 9, 12. The bottom staff continues with: 10-12-10-12-9-12-9-10. The right side of the score is divided by a vertical bar.

|○| |○| + | + | [1, 2, 1] 1, 2, 3, ♫5, 5, 6, 7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings: 8, 10, 8, 10, 12, 10, 12. The bottom staff shows: 8-10-8-10-12-10-12. The right side of the score is divided by a vertical bar.

The top staff continues with: 9, 10-12-10-12, 9, 12, 9, 11, 9, 12, 10. The bottom staff continues with: 9-12-10-12, 9, 12, 9, 11, 9, 12, 10. The right side of the score is divided by a vertical bar.

|○|+ |○| + + [1, 2, 1] 1, 2, \flat 3, 3, 4, 5, 6, \flat 7

|○|+ |○| |○|+ [1, 2, 3] 1, 2, \flat 3, 3, 4, 5, 6, \flat 7

|○|+ |○| |○|+ [1, 3, 2, 1] 1, 2, \flat 3, 3, 4, 5, 6, \flat 7

|○| |○| |○| [1, 2, 3, 1] 1, 2, \flat 3, 3, 4, 5, 6, \flat 7

Musical score for strings A and B. The top staff shows a treble clef and the bottom staff shows a bass clef. Both staves have six horizontal lines. Fingerings are indicated below the strings:

String A:

- Measure 1: 8, 11, 8, 10, 8-10, 10-12, 10
- Measure 2: 12, 12, 10, 8-10, 10-12, 10-12, 12

String B:

- Measure 1: 8, 10, 10-12, 10-12, 12
- Measure 2: 10, 9-12, 11-13, 12, 10-13, 10

|○| |○| |○| [1, 3, 2, 3] 1, 2, \flat 3, 3, 4, 5, 6, \flat 7

Musical score for strings A and B. The top staff shows a treble clef and the bottom staff shows a bass clef. Both staves have six horizontal lines. Fingerings are indicated below the strings:

String A:

- Measure 1: 8, 10, 8, 10, 8-10, 10-12, 12
- Measure 2: 10-12-10, 10-8-10, 12-10-12

String B:

- Measure 1: 10, 8-10, 12-10-12, 9
- Measure 2: 10, 12-10, 13-11-13, 10, 10-13, 10

| Θ | | | | Θ | | Θ | [1, 3, 2] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

The music staff shows a continuous eighth-note pattern in G major (one sharp). The bass staff shows a descending sequence from 12 to 8, then 11 to 9, 10 to 8, 11 to 9, 12 to 10, 11 to 9, 12 to 10, 11 to 9.

| Θ | | | | Θ | | Θ | [1, 2, 3] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

The music staff shows a continuous eighth-note pattern in G major (one sharp). The bass staff shows a descending sequence from 12 to 10, 9 to 11, 11 to 12, 10 to 8, 9 to 11, 12 to 11, 10 to 9, 11 to 12, 10 to 9.

| Θ | | | | Θ | | Θ | [1, 3, 2, 1] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

The music staff shows a continuous eighth-note pattern in G major (one sharp). The bass staff shows a descending sequence from 12 to 10, 9 to 11, 11 to 12, 10 to 8, 9 to 11, 12 to 11, 10 to 9, 11 to 12, 10 to 9. The third measure starts with a bass note at 10.

| Θ | | | | Θ | | Θ | [1, 2, 3, 1] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

Musical score for strings A and B. The top staff shows a treble clef and a measure of music. The bottom staff shows a bass clef and two measures of music. Fingerings are indicated below the strings. A measure repeat sign is present.

String A:

- Measure 1: Fret 8, 12; Fret 9, 10, 9, 11, 10, 12, 11
- Measure 2: Fret 8, 10, 9, 11, 10, 12, 11, 12
- Measure 3: Fret 8, 10, 9, 11, 10, 12, 11, 12
- Measure 4: Fret 9, 12, 10, 11, 12, 10, 9, 11, 10

String B:

- Measure 1: Fret 8, 12, 9, 10, 9, 11, 10, 12, 11
- Measure 2: Fret 12, 10, 9, 11, 10, 12, 11, 12
- Measure 3: Fret 10, 9, 11, 10, 12, 11, 12, 9, 9
- Measure 4: Fret 11, 9, 12, 10, 12, 11, 10, 9, 11, 10

| Θ | | | | Θ | | Θ | [1, 2, 3, 2] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

Musical score for strings A and B. The top staff shows a treble clef and a measure of music. The bottom staff shows a bass clef and two measures of music. Fingerings are indicated below the strings. A measure repeat sign is present.

String A:

- Measure 1: Fret 8, 12, 9, 10, 9, 11, 9, 12, 11
- Measure 2: Fret 8, 11, 10, 9, 11, 9, 12, 11, 11
- Measure 3: Fret 9, 11, 9, 12, 11, 9, 11, 9, 9
- Measure 4: Fret 11, 9, 12, 10, 12, 10, 9, 11, 9

String B:

- Measure 1: Fret 8, 12, 9, 10, 9, 11, 9, 12, 11
- Measure 2: Fret 8, 11, 10, 9, 11, 9, 12, 11, 11
- Measure 3: Fret 9, 11, 9, 12, 11, 9, 11, 9, 9
- Measure 4: Fret 11, 9, 12, 10, 12, 10, 9, 11, 9

|○| + | + |○| + |○| [1, 3, 2, 3] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7, 7

3

T A B 8 9 12 9 10 11 9 11 12 8 | 11 8 10 11 9 11 12 8 11 8

T A B 10 11 9 11 12 9 11 9 11 9 11 12 9 12 9 10 11 9 11

|○| + |○| + | + |○| [1, 2, 3] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7, 7

T A B 8-10 9-10-12 11-12 9-8 10-12 11-12 9-8 | 10-12 11-12 9-9-11 11-12 10-9-10-12 11-12

|○| |○| | + |○| [1, 3, 2, 1] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7, 7

Musical score for a two-string instrument (A and B) in treble clef. The score consists of two staves, each with sixteenth-note patterns. The first staff (A) starts with a sixteenth-note rest followed by a sixteenth-note note. The second staff (B) starts with a sixteenth-note note followed by a sixteenth-note rest. Both staves continue with a series of sixteenth-note patterns. The notes are marked with sharp signs (#). The strings are labeled A and B at the top of each staff. Below the staff, the fingerings for each note are indicated. The first staff has fingerings: 8, 9, 10, 8, 10, 11, 12, 10, 12, 8. The second staff has fingerings: 9, 12, 10, 11, 12, 10, 12, 9, 12. The third staff (A) has fingerings: 10, 11, 12, 10, 12, 9, 12, 9, 11. The fourth staff (B) has fingerings: 11, 9, 12, 10, 12, 10, 11, 12, 10.

|○| |○| | + |○| [1, 2, 3, 1] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7, 7

Musical score for a two-string instrument (A and B) in treble clef. The score consists of two staves, each with sixteenth-note patterns. The first staff (A) starts with a sixteenth-note note followed by a sixteenth-note rest. The second staff (B) starts with a sixteenth-note rest followed by a sixteenth-note note. Both staves continue with a series of sixteenth-note patterns. The notes are marked with sharp signs (#). The strings are labeled A and B at the top of each staff. Below the staff, the fingerings for each note are indicated. The first staff has fingerings: 8, 10, 9, 8, 10, 12, 11, 10, 12, 9. The second staff has fingerings: 12, 8, 10, 12, 11, 10, 12, 9, 12. The third staff (A) has fingerings: 10, 12, 11, 10, 12, 9, 12, 9, 11. The fourth staff (B) has fingerings: 11, 9, 12, 10, 12, 10, 11, 12, 10.

| Θ | | Θ | | + | Θ | [1, 3, 2, 3] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

| Θ | | Θ | | Θ | | Θ | [1, 4, 2, 3] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

| Θ | | Θ | | Θ | | Θ | [1, 2, 4, 3] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

Staff A:

8	10	9	12	10	12	11	9	12
---	----	---	----	----	----	----	---	----

Staff B:

8	11	10	12	11	9	12	9	11
---	----	----	----	----	---	----	---	----

3

Staff A:

10	12	11	9	12	9	9	11	9	11	9
----	----	----	---	----	---	---	----	---	----	---

Staff B:

11	9	12	10	9	12	10	12	11	9
----	---	----	----	---	----	----	----	----	---

| Θ | | Θ | | Θ | | Θ | [1, 3, 2, 4] 1, \flat 2, 2, \flat 3, 3, \flat 5, 5, \flat 6, 6, \flat 7, 7

Staff A:

8	12	10	9	10	9	12	11	12
---	----	----	---	----	---	----	----	----

Staff B:

9	8	10	9	12	11	12	11	9	8
---	---	----	---	----	----	----	----	---	---

3

Staff A:

10	9	12	11	12	11	9	9	9	11
----	---	----	----	----	----	---	---	---	----

Staff B:

11	12	12	10	9	10	9	12	11
----	----	----	----	---	----	---	----	----

|○| |○| |○| |○| [1, 2, 3, 4] 1, b2, 2, b3, 3, b5, 5, b6, 6, b7, 7

|○| | | | |○|○| [1, 3, 2] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

|○| | | | |○|○| [1, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

|○| | | | |○|○| [1, 3, 2, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for two treble clef staves (A and B) and a bass staff. The score consists of three measures. The first measure starts with a rest followed by a eighth note on the first string of staff A. The second measure starts with a rest followed by eighth notes on the first and second strings of staff A. The third measure starts with a rest followed by eighth notes on the first and second strings of staff A. The bass staff below shows fingerings: 8, 9, 8, 8-10, 11-10, 10-12, 8, 12, 12, 10, 11-10, 10-12, 12, 12.

|○| | | | |○|○| [1, 2, 3, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for two treble clef staves (A and B) and a bass staff. The score consists of three measures. The first measure starts with a rest followed by eighth notes on the first and second strings of staff A. The second measure starts with a rest followed by eighth notes on the first and second strings of staff A. The third measure starts with a rest followed by eighth notes on the first and second strings of staff A. The bass staff below shows fingerings: 8, 9, 8-10, 10-11, 10-12, 12, 12, 10, 11-10, 10-12, 12, 12, 8.

$\boxed{\Theta} \boxed{+} \boxed{+} \boxed{+} \boxed{+} \boxed{\Theta} \boxed{\Theta}$ [1, 2, 3, 2] 1, \flat 2, 2, \flat 3, 3, 4, \flat 5, 5, \flat 6, 6, \flat 7

Θ | + + + $\Theta\Theta$ [1, 3, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Sheet music for guitar, featuring two staves. The top staff uses a treble clef and shows a sequence of sixteenth-note patterns. The bottom staff uses a bass clef and shows two measures of notes. Fingerings are indicated below the notes.

|○| + |○| + |○| [1, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings. The bottom staff shows the fingering for string B.

String A:

- Fingering: 8-11-10-12
- Fingering: 8-11-10-12
- Fingering: 8-10-8-11-10-12
- Fingering: 8-10-8-11-10-12
- Fingering: 10-12-10-11-8-10-12
- Fingering: 10-12-10-11-8-10-12
- Fingering: 9-12-11-12-11-10-13-11

String B:

- Fingering: 8-11-10-12
- Fingering: 8-11-10-12
- Fingering: 8-10-8-11-10-12
- Fingering: 8-10-8-11-10-12
- Fingering: 10-12-10-11-8-10-12
- Fingering: 10-12-10-11-8-10-12
- Fingering: 9-12-11-12-11-10-13-11

|○| + |○| + |○| [1, 3, 2, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for strings A and B. The top staff shows a melodic line with grace notes and fingerings. The middle staff shows the fingering for string A. The bottom staff shows the fingering for string B.

String A:

- Fingering: 8-9-11-8-10-11-8-10-12
- Fingering: 8-9-11-8-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12

String B:

- Fingering: 8-9-11-8-10-11-8-10-12
- Fingering: 8-9-11-8-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12
- Fingering: 8-10-12-10-11-8-10-12

String A:

- Fingering: 10-11-8-10-12-9-10-12-11
- Fingering: 10-11-8-10-12-9-10-12-11
- Fingering: 12-9-12-11-12-10-13-11-10
- Fingering: 12-9-12-11-12-10-13-11-10

String B:

- Fingering: 10-11-8-10-12-9-10-12-11
- Fingering: 10-11-8-10-12-9-10-12-11
- Fingering: 12-9-12-11-12-10-13-11-10
- Fingering: 12-9-12-11-12-10-13-11-10

$\vdash \Theta \vdash \Theta \vdash \Theta$ [1, 2, 3, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Sheet music for Treble and Bass clef, measures 3-4. The Treble clef staff shows eighth-note patterns. The Bass clef staff has labels A and B above the notes, with corresponding fingerings below: A (8, 11), B (8, 10), 8 (11-12), 10 (10-12). The Bass clef staff continues with fingerings: 8 (12), 10 (12), 8 (11-12), 10 (10-12), 10 (10-12), 12 (12).

$\left| \ominus \right| \quad \left| \ominus \right| \quad \left| \oplus \right| \quad [1, 3, 2, 3] \quad 1, \flat 2, 2, \flat 3, 3, 4, \flat 5, 5, \flat 6, 6, \flat 7$

Sheet music for guitar, featuring two staves. The top staff uses a treble clef and consists of sixteenth-note patterns. The bottom staff uses a bass clef and shows note positions labeled A, B, and C. The first section ends with a vertical bar line.

|○| |○| |○|○| [1, 4, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for strings A and B:

String A:

- Measure 1: Fret 8 (down), Fret 9 (up), Fret 8 (up), Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 10 (up), Fret 12 (up)
- Measure 2: Fret 8 (up), Fret 10 (up), Fret 12 (up), Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 10 (up), Fret 12 (up)

String B:

- Measure 1: Fret 8 (up), Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 12 (up)
- Measure 2: Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 10 (up), Fret 12 (up), Fret 9 (up), Fret 10 (up), Fret 11 (up), Fret 13 (up), Fret 10 (up), Fret 11 (up), Fret 13 (up), Fret 10 (up), Fret 11 (up), Fret 13 (up)

|○| |○| |○|○| [1, 2, 4, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, b7

Musical score for strings A and B:

String A:

- Measure 1: Fret 8 (up), Fret 11 (up), Fret 9 (up), Fret 8 (up), Fret 10 (up), Fret 8 (up), Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 12 (up)
- Measure 2: Fret 8 (up), Fret 12 (up), Fret 10 (up), Fret 12 (up), Fret 10 (up), Fret 8 (up), Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 10 (up), Fret 11 (up), Fret 8 (up), Fret 12 (up)

String B:

- Measure 1: Fret 10 (up), Fret 8 (up), Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 9 (up), Fret 12 (up), Fret 9 (up), Fret 12 (up), Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 11 (up), Fret 10 (up), Fret 11 (up), Fret 13 (up)
- Measure 2: Fret 11 (up), Fret 10 (up), Fret 12 (up), Fret 11 (up), Fret 12 (up), Fret 9 (up), Fret 13 (up), Fret 10 (up), Fret 13 (up), Fret 11 (up), Fret 10 (up), Fret 13 (up), Fret 11 (up), Fret 10 (up), Fret 11 (up), Fret 13 (up)

| Θ | + | Θ | + | Θ | [1, 3, 2, 4] 1, \flat 2, 2, \flat 3, 3, 4, \flat 5, 5, \flat 6, 6, \flat 7

| Θ | + | Θ | + | Θ | [1, 2, 3, 4] 1, \flat 2, 2, \flat 3, 3, 4, \flat 5, 5, \flat 6, 6, \flat 7

|○| | | |○|○|○| [1, 3, 4, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff shows a treble clef and a common time signature. The bottom staff shows a bass clef and includes fingerings for both hands (A and B). The notes are represented by vertical stems with horizontal dashes indicating pitch. The first measure starts at the 8th fret of the A string and moves up to the 12th fret of the E string. The second measure starts at the 8th fret of the B string and moves up to the 12th fret of the G string. The third measure starts at the 10th fret of the A string and moves up to the 13th fret of the D string. The fourth measure starts at the 9th fret of the B string and moves up to the 12th fret of the G string.

|○| | | |○|○|○| [1, 4, 3, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff shows a treble clef and a common time signature. The bottom staff shows a bass clef and includes fingerings for both hands (A and B). The notes are represented by vertical stems with horizontal dashes indicating pitch. The first measure starts at the 8th fret of the A string and moves up to the 12th fret of the E string. The second measure starts at the 8th fret of the B string and moves up to the 12th fret of the G string. The third measure starts at the 10th fret of the A string and moves up to the 13th fret of the D string. The fourth measure starts at the 9th fret of the B string and moves up to the 12th fret of the G string.

|○| | | |○|○|○| [1, 4, 2, 3] Total Chromatic

|○| | | |○|○|○| [1, 2, 4, 3] Total Chromatic

|○| | | |○|○|○| [1, 3, 2, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument (labeled A and B) across two octaves. The first measure shows fingerings 8, 12, 9, 10, 9, 11, 12, 12. The second measure shows fingerings 11, 8, 10, 10, 9, 11, 12, 12-11, 8. The third measure shows fingerings 10, 9, 11, 12, 11, 9, 10. The fourth measure shows fingerings 9, 11, 12, 13, 12, 9, 10, 9, 11.

|○| | | |○|○|○| [1, 2, 3, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument (labeled A and B) across two octaves. The first measure shows fingerings 8, 12, 8, 9, 10, 9, 10, 11, 12, 11. The second measure shows fingerings 12, 8, 10, 9, 10, 11, 12, 11-12, 8. The third measure shows fingerings 10, 9, 10, 11, 12, 11, 9, 9. The fourth measure shows fingerings 10, 11, 12, 13, 9, 10, 9, 10, 11.

|○| |○| | |○|○| [1, 4, 2, 3] Total Chromatic

Musical notation for a total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. The bottom staff shows two sets of guitar tablature. The first set (measures 1-2) has two staves: A (top) and B (bottom). The second set (measures 3-4) also has two staves: A (top) and B (bottom). Fingerings are indicated below the tabs.

Measures 1-2:

- Staff A:** Fret 8, 9, 10, 8, 10, 11, 12, 10, 12; Fret 8, 9, 12, 10, 11, 12, 10, 12.
- Staff B:** Fret 8, 10, 11, 12, 10, 12; Fret 8, 9, 12.

Measures 3-4:

- Staff A:** Fret 10, 11, 12, 10, 12; Fret 9, 10, 13, 10, 11, 12.
- Staff B:** Fret 11, 12; Fret 9, 10, 13, 10, 11, 12.

|○| |○| | |○|○| [1, 2, 4, 3] Total Chromatic

Musical notation for another total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. The bottom staff shows two sets of guitar tablature. The first set (measures 1-2) has two staves: A (top) and B (bottom). The second set (measures 3-4) also has two staves: A (top) and B (bottom). Fingerings are indicated below the tabs.

Measures 1-2:

- Staff A:** Fret 8, 10, 9, 8, 10, 12, 11, 10, 12; Fret 9, 8, 12, 10, 12, 11, 10, 12.
- Staff B:** Fret 8, 10, 9, 8, 10, 12, 11, 10, 12; Fret 9, 8, 12.

Measures 3-4:

- Staff A:** Fret 10, 12, 11, 10, 12; Fret 9, 10, 12, 11, 10.
- Staff B:** Fret 9, 12, 9, 11, 11, 10, 12; Fret 9, 13, 10, 12, 11, 10.

|○| |○| | |○|○| [1, 3, 2, 4] Total Chromatic

3

T
A
B

8 10 9 10 10 12 11 12 | 9 8 10 12 11 12 12 9

T
A
B

10 12 11 12 9 9 10 | 11 12 13 10 9 10 12 11

|○| |○| | |○|○| [1, 2, 3, 4] Total Chromatic

3

T
A
B

8 10 8 9 10 12 10 11 12 9 | 12 8 10 12 10 11 12 9 12 8

T
A
B

10 12 10 11 12 9 12 9 11 | 10 11 12 10 13 9 10 12 10 11

26

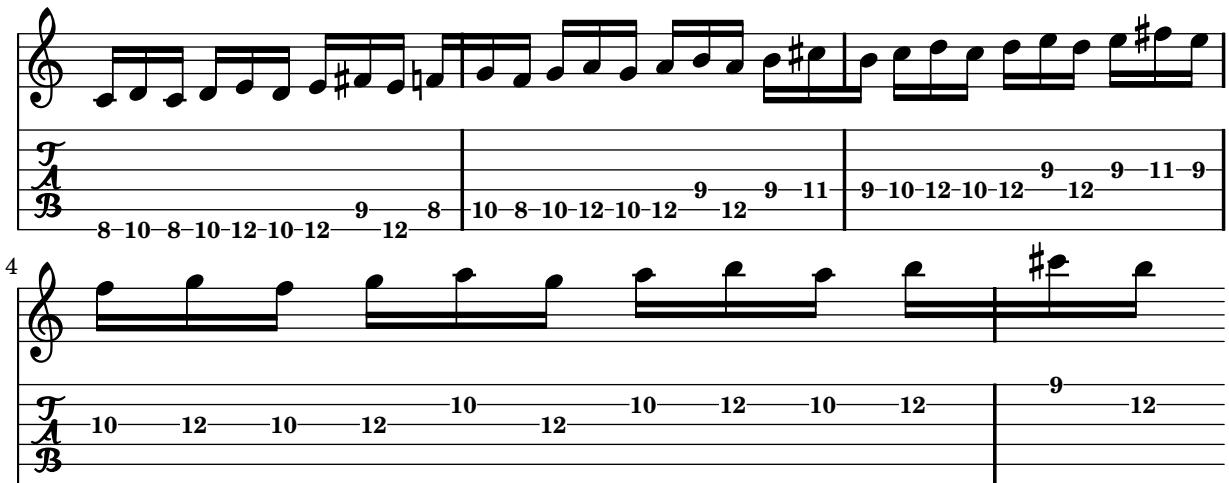
Major Scale

Base



Patterns

|o| |o| | | | [1, 2, 1] 1, b2, 2, 3, 4, b5, 5, 6, 7



A

B

8-10-8-10-12-10-12 9-8-10-8-10-12-10-12 9-9-11-9-10-12-10-12 9-10-12-10-12-12 9-9-11-9

4

A

B

10-12-10-12 10-12-10-12 9-12

|○| + |○| + |○| + | | [1, 2, 1] 1, 2, ♫3, 3, 4, 5, ♫6, 6, ♫7, 7

4

|○| + |○| + |○| + | | [1, 3, 2] 1, 2, ♫3, 3, 4, 5, ♫6, 6, ♫7, 7

4

|○| |○| |○| [1, 2, 3] 1, 2, b3, 3, 4, 5, b6, 6, b7, 7

Musical score for strings A and B, measures 1-4. The score consists of two staves. The top staff is for string A and the bottom staff is for string B. Both staves are in treble clef. Measure 1: String A has sixteenth-note patterns starting at the 8th fret. String B has eighth-note patterns starting at the 8th fret. Measure 2: String A has eighth-note patterns starting at the 8th fret. String B has eighth-note patterns starting at the 11th fret. Measure 3: String A has eighth-note patterns starting at the 10th fret. String B has eighth-note patterns starting at the 10th fret. Measure 4: String A has eighth-note patterns starting at the 9th fret. String B has eighth-note patterns starting at the 10th fret.

|○| |○| |○| [1, 3, 2, 1] 1, 2, b3, 3, 4, 5, b6, 6, b7, 7

Musical score for strings A and B, measures 3-4. The score consists of two staves. The top staff is for string A and the bottom staff is for string B. Both staves are in treble clef. Measure 3: String A has eighth-note patterns starting at the 8th fret. String B has eighth-note patterns starting at the 8th fret. Measure 4: String A has eighth-note patterns starting at the 10th fret. String B has eighth-note patterns starting at the 10th fret.

|○| |○| |○| [1, 2, 3, 1] 1, 2, \flat 3, 3, 4, 5, \flat 6, 6, \flat 7, 7

|○| |○| |○| [1, 2, 3, 2] 1, 2, \flat 3, 3, 4, 5, \flat 6, 6, \flat 7, 7

|○| |○| |○| | [1, 3, 2, 3] 1, 2, ♫3, 3, 4, 5, ♫6, 6, ♫7, 7

2

T 8 8 10 8-10 12-10-12-8 8 | 11 8 10 8-10 12-10-12 9 12 9
B 8 11 10 12 | 11 10 12 12 9 12 9

3

T 10 8-10 12-10-12-9 10 10 11 | 9 11 13-11-13-10 10 10 12-10-12
B 10 12 | 12 10 12 12 10 11 12

|○| |○| |○| | [1, 2, 3] 1, ♫2, 2, 3, 4, ♫5, 5, 6, ♫7, 7

4

T 8 10 12 10 9-12-8 | 10 8 10-12 10 9-12-9 11 | 9 10-12 10 9-12-9 11 10
B 8-10 10-12 12 9-12-8 | 10 10-12 10 12 9-12-9 11 | 9 10-12 10 9-12-9 11

T 10 12 11 12 10 13 10 12 10 12 | 9 12
B 10 12 | 12 10 13 10 12 10 12 | 9 12

|○| |○| + |○| [1, 3, 2, 1] 1, \flat 2, 2, 3, 4, \flat 5, 5, 6, \flat 7, 7

3

|○| |○| + |○| [1, 2, 3, 1] 1, \flat 2, 2, 3, 4, \flat 5, 5, 6, \flat 7, 7

3

|○| |○| + |○| - [1, 3, 2, 3] 1, b2, 2, 3, 4, b5, 5, 6, b7, 7

2

A

B

3

A

B

|○| + |○| - [1, 2, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, 7

4

A

B

5

A

B

|○| |○| |○| + | [1, 2, 3] 1, ♭2, 2, ♭3, 3, 4, ♭5, 5, ♭6, 6, 7

1

T
A
B

8-10-12-10-12 9-11-8 10-12-10-12 9-11-9-11 8-10-12-12 9-11-9-11-9

4

T
A
B

10-12-10 10-12-10-12-10-12 9-12 9-11

|○| |○| |○| + | [1, 3, 2, 1] 1, ♭2, 2, ♭3, 3, 4, ♭5, 5, ♭6, 6, 7

T
A
B

8-12-10-8-10 9-12-10-12-11-9-12 8-12 10-8-10 9-12-10-12-11-9-12 9-11-9

3

T
A
B

10-9-12-10-12-11-9-12 9-11-9-10-10 12-10-12-12-10-12 9-12-10-12-11-9-12

|○| |○| |○| + + [1, 2, 3, 1] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, 7

|○| |○| |○| + + [1, 3, 2, 3] 1, b2, 2, b3, 3, 4, b5, 5, b6, 6, 7

|θ| + + | + |θ| [1, 2, 1] 1, 2, 3, 4, 5, 6, ♫7, 7

|θ| + + | + |θ| [1, 2, 1] Total Chromatic

|○| + + |○|○| [1, 3, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of sixteenth-note strokes. The bottom staff shows two staves, A and B, with note heads and stems. The notes are labeled with numbers corresponding to the chromatic scale: 8, 9, 10, 11-10, 12, 8, 9, 8, 10, 11-10, 12, 9, 10, 11-10, 12, 9, 12-9, 11-10. The staff is numbered 4.

|○| + + |○|○| [1, 2, 3] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of sixteenth-note strokes. The bottom staff shows two staves, A and B, with note heads and stems. The notes are labeled with numbers corresponding to the chromatic scale: 8, 9, 10, 11, 12, 8, 8, 9, 10, 11, 12, 8, 9, 10, 10, 11, 12, 9, 9, 10-11. The staff is numbered 4.

|○| | | | |○|○| [1, 3, 2, 1] Total Chromatic

Musical score for the first total chromatic scale pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with positions A and B indicated. The first measure starts at the 8th fret. The second measure starts at the 9th fret. The third measure starts at the 8th fret. The fourth measure starts at the 10th fret.

|○| | | | |○|○| [1, 2, 3, 1] Total Chromatic

Musical score for the second total chromatic scale pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with positions A and B indicated. The first measure starts at the 8th fret. The second measure starts at the 9th fret. The third measure starts at the 8th fret. The fourth measure starts at the 10th fret.

|○| | | | |○○| [1, 2, 3, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument (labeled A and B) across six strings. The first measure shows fingerings: A (8), B (9), A (8), 10, 11, 10, 12, 12, 8, 8. The second measure shows fingerings: 9, 8, 10, 11, 10, 12, 12, 8, 12, 9, 9, 10, 9. The third measure starts with a 3 above the staff.

|○| | | | |○○| [1, 3, 2, 3] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument (labeled A and B) across six strings. The first measure shows fingerings: A (8), B (9), 8, 9, 10, 11, 10, 11, 8, 12, 8, 9. The second measure shows fingerings: 8, 9, 10, 11, 10, 12, 8, 12, 9, 10, 9, 10. The third measure starts with a 3 above the staff.

|○| + | + |○| +○| [1, 3, 2] Total Chromatic

|○| + | + |○| +○| [1, 2, 3] Total Chromatic

|○| | | |○| |○| [1, 3, 2, 1] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument, with two systems of sixteenth-note patterns labeled A and B. The first system (measures 1-2) has fingerings: A (8-12), B (9-10), 11-9, 10-12, 11-12, 8-9. The second system (measures 3-4) has fingerings: A (10-12), B (11-12), 9-10, 11-9, 12-10, 11-12, 13-11, 10-12, 12-12.

|○| | | |○| |○| [1, 2, 3, 1] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument, with two systems of sixteenth-note patterns labeled A and B. The first system (measures 1-2) has fingerings: A (8-12), B (8-10), 9-11, 10-12, 11-12, 8-9, 11-8, 12-10, 9-10, 11-12, 10-12, 11-12, 8-9, 10-9. The second system (measures 3-4) has fingerings: A (10-12), B (9-11), 10-12, 11-12, 12-10, 9-9, 11-10, 12-12, 10-12, 11-13, 11-12.

|○| | | |○| |○| [1, 2, 3, 2] Total Chromatic

Musical notation for a total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. Below it, two sets of bass staves are shown, labeled A and B. Staff A has notes at positions 8, 12, 12-10, 9, 11-9, 12, 11, 8, 12, 9, 12-10, 9, 11-9, 12, 11, 8, 10, 8. Staff B has notes at positions 8-12, 12-10, 9, 11-9, 12, 11, 8-12, 12-10, 9, 11-9, 12, 11, 8, 10, 8. The third measure continues the pattern.

|○| | | |○| |○| [1, 3, 2, 3] Total Chromatic

Musical notation for a total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. Below it, two sets of bass staves are shown, labeled A and B. Staff A has notes at positions 8, 12, 9, 10, 11-9, 11, 12, 8, 11, 8, 9, 12, 10, 11-9, 11, 12, 8, 11, 9, 10, 8, 10. Staff B has notes at positions 8-12, 9, 10, 11-9, 11, 12, 8-12, 11, 8, 9, 12, 10, 11-9, 11, 12, 8, 11, 9, 10, 8, 10. The third measure continues the pattern.

|○| + |○| + |○| [1, 3, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of sixteenth-note patterns. The bottom staff shows two staves, A and B, each with a bass clef. Staff A has notes at positions 8, 9, 11-10, 11-8, 12, 8, 10-8, 9, 11-10, 11-8, 12, 8, 10-9, 10, 12, 10, 11-8, 12, 9, 10-9, 11, 12. Staff B has notes at positions 8, 11-10, 11-8, 12, 10, 9, 12, 9, 11-10, 12, 9, 11-10, 10, 11-10, 11-8, 12, 10, 11-10, 12, 13, 12, 13, 10.

|○| + |○| + |○| [1, 2, 3] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of sixteenth-note patterns. The bottom staff shows two staves, A and B, each with a bass clef. Staff A has notes at positions 8, 11-10, 9, 10, 8, 11, 10, 12, 8, 8, 11-10, 9, 10, 8-11, 12, 10, 8, 9-12, 10, 10, 8-11, 12, 10, 9, 9-12, 11. Staff B has notes at positions 8, 11-10, 9, 10, 8, 11, 10, 12, 8, 8, 11-10, 9, 10, 8-11, 12, 10, 8, 9-12, 10, 10, 8-11, 12, 10, 9, 9-12, 11.

|○| |○| |○| [1, 3, 2, 1] Total Chromatic

Musical score for the first total chromatic scale pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with positions A and B indicated. The first measure starts at the 8th fret. The second measure starts at the 9th fret. The third measure starts at the 11th fret. The fourth measure starts at the 8th fret. The fifth measure starts at the 10th fret. The sixth measure starts at the 12th fret.

|○| |○| |○| [1, 2, 3, 1] Total Chromatic

Musical score for the second total chromatic scale pattern. It consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar neck, with positions A and B indicated. The first measure starts at the 8th fret. The second measure starts at the 9th fret. The third measure starts at the 10th fret. The fourth measure starts at the 11th fret. The fifth measure starts at the 8th fret. The sixth measure starts at the 10th fret. The seventh measure starts at the 12th fret.

|○| |○| |○| [1, 2, 3, 2] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument, with two systems of sixteenth-note patterns labeled A and B. The first system (A) starts at the 8th fret and includes notes 9, 11-10, 8, 11-8, 10, 10-8, 11. The second system (B) starts at the 9th fret and includes notes 11-10, 8, 11-8, 12, 10, 10-9, 12, 10. The third system (A) starts at the 10th fret and includes notes 8-11-8, 10, 9-12, 12-10. The fourth system (B) starts at the 11th fret and includes notes 12-9, 11, 11-10-13, 11, 13-12.

|○| |○| |○| [1, 3, 2, 3] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff shows fingerings for a guitar-like instrument, with two systems of sixteenth-note patterns labeled A and B. The first system (A) starts at the 8th fret and includes notes 9, 11-10, 11-8-11, 8, 10, 8, 9. The second system (B) starts at the 11th fret and includes notes 11-10, 11-8-11, 12, 8, 10, 9, 12, 10. The third system (A) starts at the 10th fret and includes notes 11-8-11, 9, 10, 9, 11-12, 10, 12. The fourth system (B) starts at the 12th fret and includes notes 9-12, 12, 9, 11, 10, 13, 11, 12, 13-10-13.

$\begin{array}{|c|c|c|c|c|c|}\hline \ominus & \oplus & \ominus & | & | & \ominus \\\hline\end{array}$ [1, 2, 3] Total Chromatic

[1, 3, 2, 1] Total Chromatic

|○| |○| | | |○| [1, 2, 3, 1] Total Chromatic

Musical score for the first pattern, featuring two staves. The top staff shows a treble clef and a series of sixteenth-note patterns. The bottom staff shows a bass clef and fingerings for both hands (A and B) across two octaves. The first measure starts at the 8th fret of the A string and moves up to the 12th fret of the G string. The second measure starts at the 9th fret of the A string and moves up to the 12th fret of the G string. The third measure starts at the 10th fret of the A string and moves up to the 12th fret of the G string.

|○| |○| | | |○| [1, 3, 2, 3] Total Chromatic

Musical score for the second pattern, featuring two staves. The top staff shows a treble clef and a series of sixteenth-note patterns. The bottom staff shows a bass clef and fingerings for both hands (A and B) across two octaves. The first measure starts at the 9th fret of the A string and moves up to the 12th fret of the G string. The second measure starts at the 10th fret of the A string and moves up to the 12th fret of the G string. The third measure starts at the 11th fret of the A string and moves up to the 12th fret of the G string.

|○| | | |○|○|○| [1, 3, 4, 2] Total Chromatic

Musical score for the first total chromatic pattern:

Top Staff: Treble clef, 16th-note patterns.

Bass Staff: Clef changes between bass and tenor. Fingerings below the staff indicate note positions: 8, 9, 12-10, 10-11-9, 12, 8, 8, 9, 12-10, 10-11-9, 12, 12, 8, 11-9, 9-10-8.

Second System: Treble clef, 16th-note patterns.

Bass Staff: Clef changes between bass and tenor. Fingerings below the staff indicate note positions: 10-11-9, 12, 9, 10-11-9, 10, 11, 12-10, 13, 12-10, 9, 10-11-9, 12, 12-13-11.

|○| | | |○|○|○| [1, 4, 3, 2] Total Chromatic

Musical score for the second total chromatic pattern:

Top Staff: Treble clef, 16th-note patterns.

Bass Staff: Clef changes between bass and tenor. Fingerings below the staff indicate note positions: 9, 8, 12-10, 11-10-9, 12, 8, 12-11-8, 9, 8, 12-10, 11-10-9, 12, 8, 12-11-9, 10-9-8.

Second System: Treble clef, 16th-note patterns.

Bass Staff: Clef changes between bass and tenor. Fingerings below the staff indicate note positions: 11-10-9, 12, 9, 12-11-9, 11-10-9, 10, 12, 11-10, 12, 9, 13-12-10, 11-10-9, 12, 13-12-11.

|○| | | |○|○|○| [1, 4, 2, 3] Total Chromatic

A musical score consisting of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two parts labeled A and B, each with a bass clef. Part A has a sixteenth-note pattern: 8-9-12-10-11-9-10-8-11-12-8-9. Part B has a sixteenth-note pattern: 12-10-8-11-9-10-12-8-11-12-9-10-8-9. The score is divided by a vertical bar.

|○| | | |○|○|○| [1, 2, 4, 3] Total Chromatic

A musical score consisting of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two parts labeled A and B, each with a bass clef. Part A has a sixteenth-note pattern: 8-12-10-9-8-9-11-10-12-11-8-12-8-12. Part B has a sixteenth-note pattern: 9-8-10-9-11-10-12-11-8-12-9-8-10-9. The score is divided by a vertical bar.

|○| | | |○|○|○| [1, 3, 2, 4] Total Chromatic

3

A

B

8-12 9-10 10-9 11-12 12-11 8-8 | 12-10 9-12 10-9 11-12 12-11 8-9 9-10

A

B

10-9 11-12 12-11 9-10 9-11 11-10 | 10-12 13-12 10-12 9-10 9-11 12-11-13

A

B

|○| | | |○|○|○| [1, 2, 3, 4] Total Chromatic

3

A

B

8-12 9-10 9-10 11-12 11-12 8-12 | 8-9 10-12 9-10 11-12 11-12 8-9 8-9, 10

A

B

9-10 11-12 11-12 9-9 9-10 11-10 | 11-12 12-13 10-12 9-10 9-11 12-11-13

A

B

$\begin{array}{|c|c|c|c|c|c|} \hline \ominus & + & + & \ominus & + & \ominus & \ominus \\ \hline \end{array}$ [1, 3, 4, 2] Total Chromatic

Sheet music for guitar, featuring three staves:

- Top Staff:** Treble clef. Shows a sequence of eighth-note chords.
- Middle Staff:** Bass clef. Shows two measures of notes with fingerings:
 - Measure 1: A (8-9)
 - Measure 2: B (10-11-8)
 - Measure 3: A (12-10-8)
 - Measure 4: B (8-9-10)
- Bottom Staff:** Treble clef. Shows a continuation of eighth-note chords.

$\begin{array}{|c|c|c|c|c|} \hline \ominus & | & \oplus & | & \ominus \oplus \\ \hline \end{array}$ [1, 4, 3, 2] Total Chromatic

Sheet music for the first section of the piece, featuring treble clef, 12/8 time, and a key signature of one sharp. The melody consists of eighth-note patterns. Below the staff, fingerings are indicated for both hands:

T

A

B

Fingerings: 8 9 8 11-10 8 8 12-10 8 9 | 8 11-10 11-10 8 12 8 12-10 9 10-9 12

3

T

A

B

Fingerings: 10 11-10 8 9 12-10 9 11-10 12-10 12 | 11-9 12 9 13-11-10 11-10 13-12 13-12-10

|○| |○| |○|○| [1, 4, 2, 3] Total Chromatic

Musical score for the first total chromatic pattern:

Staff 1: Treble clef, 12 notes starting from C (1) up to B (12), each note followed by a sharp sign.

Staff 2: Bass clef, two measures. Measure 1: A (8), G (9), F# (10), E (11), D (12), C (1), B (2), A (3). Measure 2: G (8), F# (9), E (10), D (11), C (12), B (1), A (2), G (3).

Staff 3: Treble clef, 12 notes starting from C (1) up to B (12), each note followed by a sharp sign.

Staff 4: Bass clef, two measures. Measure 1: A (8), G (9), F# (10), E (11), D (12), C (1), B (2), A (3). Measure 2: G (9), F# (10), E (11), D (12), C (1), B (2), A (3), G (4).

|○| |○| |○|○| [1, 2, 4, 3] Total Chromatic

Musical score for the second total chromatic pattern:

Staff 1: Treble clef, 12 notes starting from C (1) up to B (12), each note followed by a sharp sign.

Staff 2: Bass clef, two measures. Measure 1: A (8), G (9), F# (10), E (11), D (12), C (1), B (2), A (3). Measure 2: G (9), F# (10), E (11), D (12), C (1), B (2), A (3), G (4).

Staff 3: Treble clef, 12 notes starting from C (1) up to B (12), each note followed by a sharp sign.

Staff 4: Bass clef, two measures. Measure 1: A (8), G (9), F# (10), E (11), D (12), C (1), B (2), A (3). Measure 2: G (9), F# (10), E (11), D (12), C (1), B (2), A (3), G (4).

|○| |○| |○|○| [1, 3, 2, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two parts labeled A and B, each with a bass clef. Part A has a 16th-note pattern: 8-9-10-8-11-12-10-8-8. Part B has a 16th-note pattern: 11-9-10-8-11-12-12-10-8-9-12-10. The score is divided by a vertical bar.

|○| |○| |○|○| [1, 2, 3, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The score consists of two staves. The top staff is a treble clef staff with sixteenth-note patterns. The bottom staff has two parts labeled A and B, each with a bass clef. Part A has a 16th-note pattern: 8-9-10-8-10-11-12-10-12-8-8-11. Part B has a 16th-note pattern: 8-9-10-8-10-11-12-10-12-8-9-12-9-10. The score is divided by a vertical bar.

|○| |○| | |○|○| [1, 4, 2, 3] Total Chromatic

A musical score consisting of four staves. The top staff shows a treble clef and a series of eighth-note patterns. The second staff shows a bass clef and two sets of sixteenth-note patterns labeled A and B, with fingerings from 8 to 12. The third staff shows a treble clef and sixteenth-note patterns starting at 3. The fourth staff shows a bass clef and sixteenth-note patterns starting at 3.

|○| |○| | |○|○| [1, 2, 4, 3] Total Chromatic

A musical score consisting of four staves. The top staff shows a treble clef and a series of eighth-note patterns. The second staff shows a bass clef and sixteenth-note patterns starting at 8, with fingerings from 8 to 12. The third staff shows a treble clef and sixteenth-note patterns starting at 3. The fourth staff shows a bass clef and sixteenth-note patterns starting at 3.

|○| |○| | |○○| [1, 3, 2, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. The bottom staff shows two sets of sixteenth-note patterns labeled A and B. The first set (A) consists of pairs of notes: (8, 9), (10, 11), (12, 13), (9, 10), (11, 12), (8, 9). The second set (B) consists of pairs: (8, 10), (10, 12), (12, 14), (13, 15), (14, 16), (15, 17). The score is divided by a vertical bar.

|○| |○| | |○○| [1, 2, 3, 4] Total Chromatic

Musical score for a total chromatic scale pattern. The top staff shows a treble clef and a series of eighth-note strokes. The bottom staff shows two sets of sixteenth-note patterns labeled A and B. The first set (A) consists of pairs of notes: (8, 9), (10, 11), (12, 13), (9, 10), (11, 12), (8, 9). The second set (B) consists of pairs: (8, 10), (10, 12), (12, 14), (13, 15), (14, 16), (15, 17). The score is divided by a vertical bar.

|○| |○| |○| |○| [1, 4, 2, 3] Total Chromatic

Musical score for the first total chromatic pattern:

Top Staff: Treble clef, 12 eighth-note strokes on a single string.

Bass Staff: Bass clef, 12th position. Fingerings: 8-9, 10-12-10, 11-9-12, 8-9-11-8, 9. Change to 10-12-10, 11-9-12, 12. Then 8-9-11-9, 10-11.

String 3: Treble clef, 12 eighth-note strokes on a single string.

Bass Staff: Bass clef, 12th position. Fingerings: 10-11-12, 9-12, 9-11-9, 11-9-10-12, 12-10-12. Change to 9-10-12-10, 11-12, 9-12, 13-9-11.

|○| |○| |○| |○| [1, 2, 4, 3] Total Chromatic

Musical score for the second total chromatic pattern:

Top Staff: Treble clef, 12 eighth-note strokes on a single string.

Bass Staff: Bass clef, 12th position. Fingerings: 8-10, 12-10-12, 11-9-12, 9-8, 11-8-10, 9-12-10-12, 11-9-12, 9-11-9-11, 10-8.

String 3: Treble clef, 12 eighth-note strokes on a single string.

Bass Staff: Bass clef, 12th position. Fingerings: 10-12, 11-9-12, 9-11-9-11, 11-9-10-12, 12-10-12, 10-12, 9-12-10-12, 11-9-12, 9-13-11.

|○| |○| |○| |○| [1, 3, 2, 4] Total Chromatic

1
A
B
8-12-10 9-10 9-12 11-12 11-9 11-8 12-10 | 10-9 10-10 9-12 11-12 11-9 11-8 9-11 10-10

3
A
B
10-9 11-12 11-9 9-9 11-10 12-12 12-10 9-10 9-12 11-12 11-9 11-13 | 10-12 10-12 9-10-12 9-11-12 9-11-8 9-11-8-10

|○| |○| |○| |○| [1, 2, 3, 4] Total Chromatic

1
A
B
8-10-12 9-10-12 9-11-12 9-11-12 8-10-10 12-12 12-10-12 9-11-12 9-11-8 9-11-8-10 | 10-12-12 9-10-12 9-11-12 9-11-12 10-12-12 10-12-12 9-10-12 9-11-12 9-11-13

3
A
B
10-12-12 9-11-12 9-11-12 9-11-12 10-12-12 10-12-12 9-10-12 9-11-12 9-11-13 | 10-12-12 9-10-12 9-11-12 9-11-12 10-12-12 10-12-12 9-10-12 9-11-12 9-11-13

Beyond Slonimsky

Melodic Patterns for Guitar

Nicolas Slonimsky's *Thesaurus of Scales and Melodic Patterns* is a legendary book that has inspired musicians as diverse as John Coltrane, Frank Zappa and Buckethead. Many musicians own a copy yet are unsure what to do with it and how to unlock the many ideas it contains.

The patterns in the first part are organised by pitch content so that players working in a harmonic context can easily find patterns that outline particular scales and arpeggios.

The second part collects patterns that contain all twelve notes, and the third uses "non-symmetrical bases" to suggest a world of new sounds.

This book presents a completely new approach to the same idea. It does not reproduce anything in Slonimsky's original book but supplements it by giving a detailed theoretical explanation of what's really going on in its first twelve chapters, then deriving new patterns from the same method.

Used alongside Slonimsky's *Thesaurus*, this book is a source for practical and easy-to-apply patterns for all advanced musicians looking for a way into his sound-world. All patterns are written out in conventional notation and guitar tab.



Rich Cochrane has been playing and teaching guitar for more than twenty five years, most recently at Greenwich Community College in London. He has a degree in Mathematics and a PhD in the philosophy of music. As well as live and studio experience with a variety of bands he makes electronic music and has soudtracked two short films. He has also published a large quantity of writing about music.

