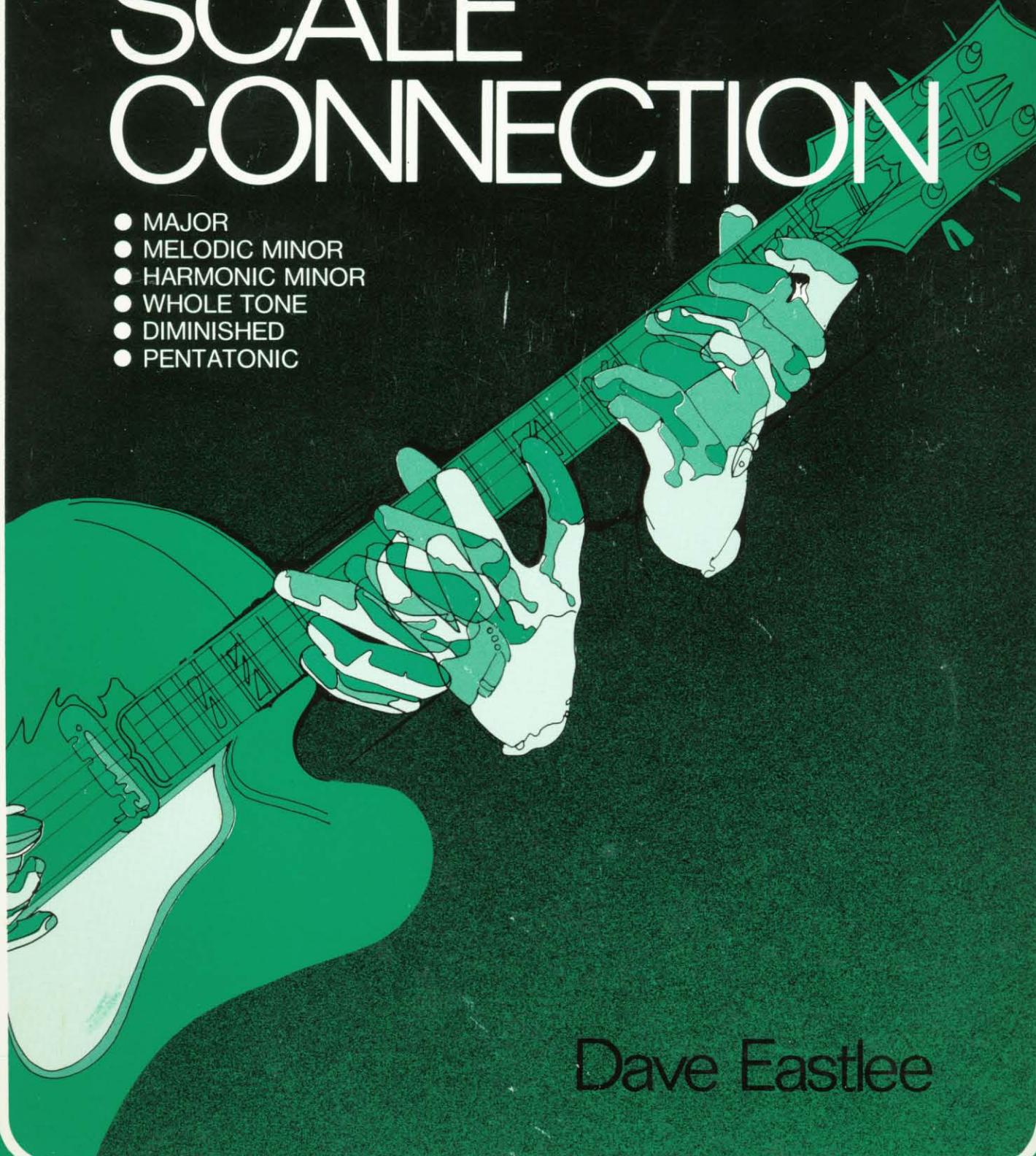




# SCALE CONNECTION

- MAJOR
- MELODIC MINOR
- HARMONIC MINOR
- WHOLE TONE
- DIMINISHED
- PENTATONIC



Dave Eastlee



# SCALE CONNECTION

Dave Eastlee

#### CREDITS:

Cover Design .....	Steve Prestek
Cover Illustration .....	Mike Reagan
Graphic Art .....	REH Productions
Consultant .....	Don Mock
Typesetting .....	Magna Color Press, Inc.

This book, or parts thereof, may not be reproduced or transmitted in any form whatsoever without written permission from the Publisher.

ISBN 0-943686-05-9

Copyright © 1982 by HAL LEONARD PUBLISHING CORPORATION  
International Copyright Secured All Rights Reserved  
For all works contained herein:  
Unauthorized copying, arranging, adapting, recording or public  
performance is an infringement of copyright.  
Infringers are liable under the law.

**HL** Hal Leonard Publishing Corporation

7777 West Bluemound Road P.O. Box 13819 Milwaukee, WI 53213

## INTRODUCTION

The format of this book is designed to familiarize you with both scales and chords through Scale-Chord combinations. By memorizing Scale-Chord combinations, you will learn a scale pattern for each chord form, which will enable you to visualize each scale pattern in each of its harmonic possibilities. In order to encompass the entire fingerboard, the Scale-Chord combinations are displayed in five fingering patterns which are moveable and may be transposed to all keys.

## CONTENTS

Major Scale-Chord Combinations .....	3
Harmonic Minor Scale-Chord Combinations .....	10
Melodic Minor Scale-Chord Combinations .....	17
Coloring Chord Types (review) .....	24
Specialty Section .....	25
Pentatonic Scale-Chord Combinations	
Whole Tone Scale-Chord Combinations	
Diminished Scale-Chord Combinations	
Coloring Chord Types (altered dominant 7th chords) .....	39
Note From The Author .....	40

## KEY

- = Scale Tone
- = Chord Tone within scale pattern
- = Chord Tone not used in scale pattern
- 1 b3 5 b7 = Chord Tone Degrees as indicated at left of fingerboard diagrams.

As most of the scale patterns cover a 4 fret span, simply place each of your 4 fingers on the appropriate fret. For patterns that exceed the 4 fret span, experiment with logical fingerings until you find one that best suits you.

The following seven pages show the five scale patterns for the key of C major in each of its seven chordal (modal) situations. The chord forms will serve as guides to locating the scale patterns. So the goal is to “think” a chord type and automatically play the appropriate scale.

# Major Scale-Chord Combinations

## I Chord in C major

## Cmaj7

The C Major scale is spelled:

C	D	E	F	G	A	B	C
1	2	3	4	5	6	7	1

The Cmaj7 chord is spelled:

C E G B  
1 3 5 7

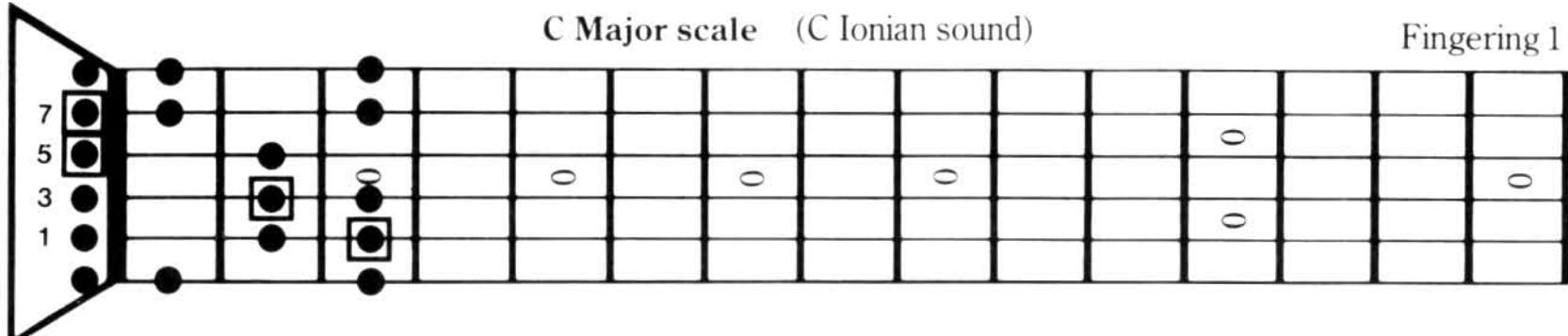
The chords in the key of C major are:

Cmaj7 Dm7 Em7 Fmaj7 G7 Am7 Bm7b5 Cmaj7  
 I II III IV V VI VII I

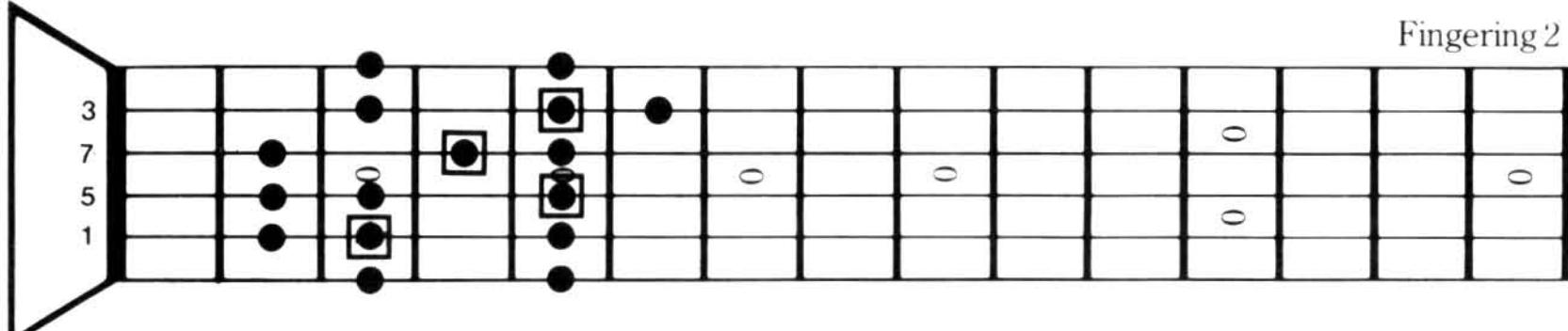
Below are the five patterns relating to the I Chord (Cmaj7).

**C Major scale** (C Ionian sound)

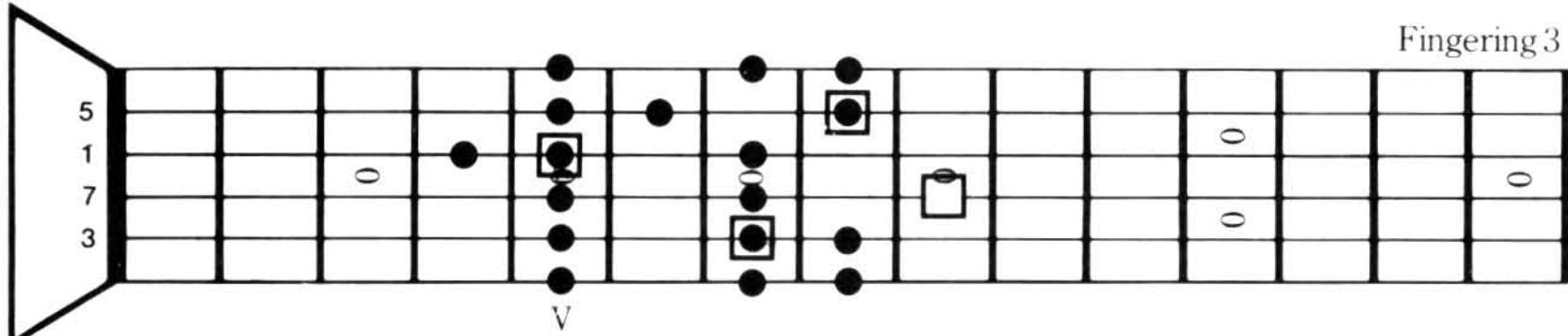
## Fingering 1



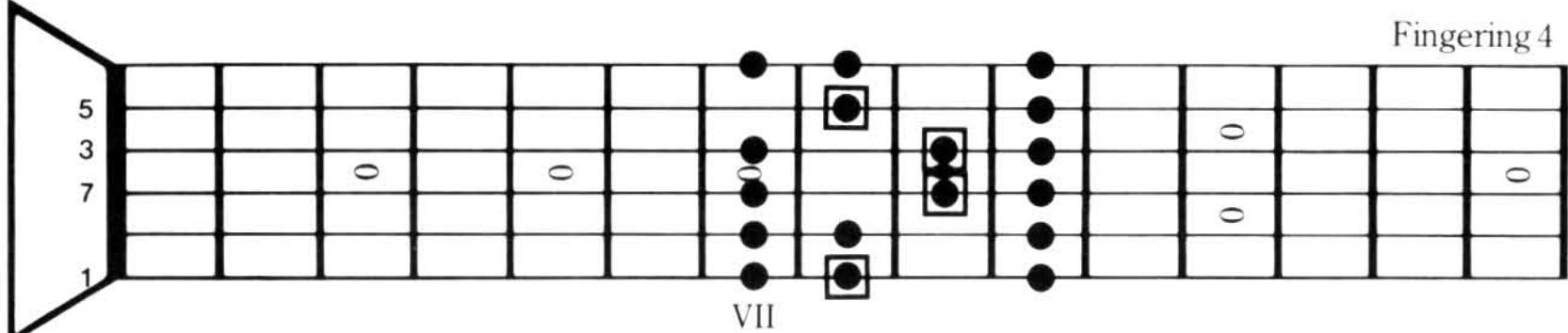
## Fingering 2



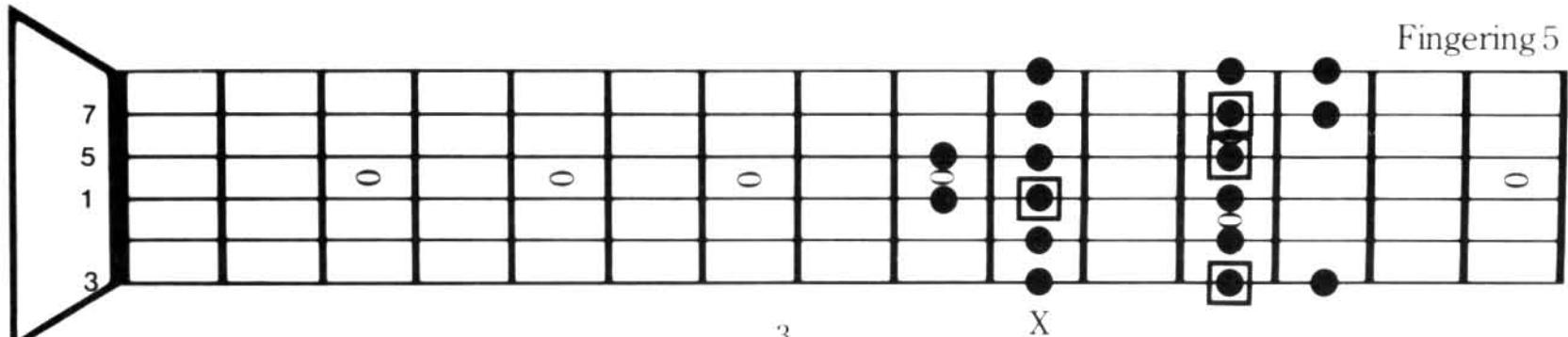
### Fingering 3



## Fingering 4



## Fingering 5



# Major Scale-Chord Combinations

II Chord in C major

**Dm7**

The Dm7 chord is spelled: D F A C = 1 b3 5 b7

Treating the minor seventh chord as a IIIm7 chord is one of the more common minor seventh sounds.

**C Major scale (D Dorian sound)**

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

4

# Major Scale-Chord Combinations

III Chord in C major

**Em7**

The Em7 chord is spelled: E G B D = 1 b3 5 b7

The C major scale played against an Em7 chord (E Phrygian sound) is effective but perhaps not as popular as the II<sup>m</sup>7 or VI<sup>m</sup>7 Scale-Chord relationships.

**C Major scale (E Phrygian sound)**

Fingering 1

Fingering 2

Fingering 3

V

Fingering 4

VII

Fingering 5

X

# Major Scale-Chord Combinations

IV Chord in C major

## Fmaj7

The Fmaj7 chord is spelled: F A C E = 1 3 5 7

The C major scale shades the Fmaj7 chord to give it an overall maj7b5 sound, due to the flat fifth interval (B) provided in this scale.

C Major scale (F Lydian sound)

Fingering 1

Fingering 2

V

Fingering 3

Fingering 4

VII

Fingering 5

X

# Major Scale-Chord Combinations

V Chord in C major

## G7

The G7 chord is spelled: G B D F = 1 3 5 b7

This is a good Scale-Chord combination to use when improvising over a dominant 7th chord. This scale contains no altered tones b5, #5, b9, #9, only chord tones (1 3 5 b7) and extensions (9 11 13) thus producing a more consonant sound against the 7th chord as compared to other scale possibilities.

C Major scale (G Mixolydian sound)

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

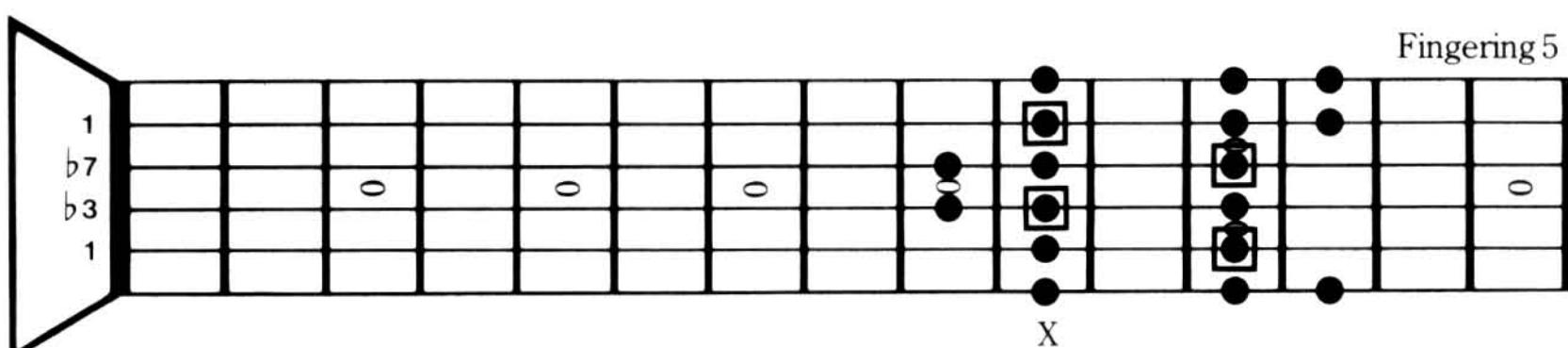
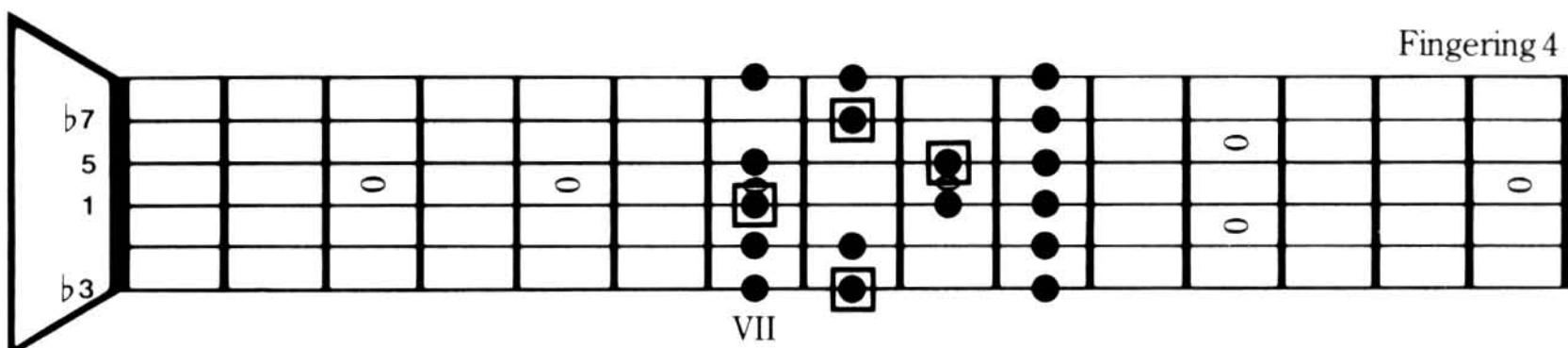
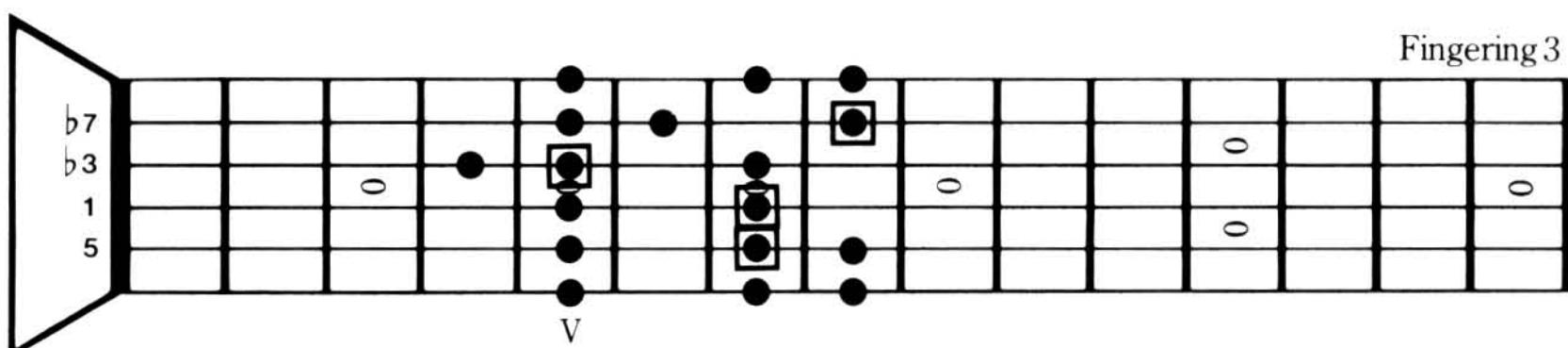
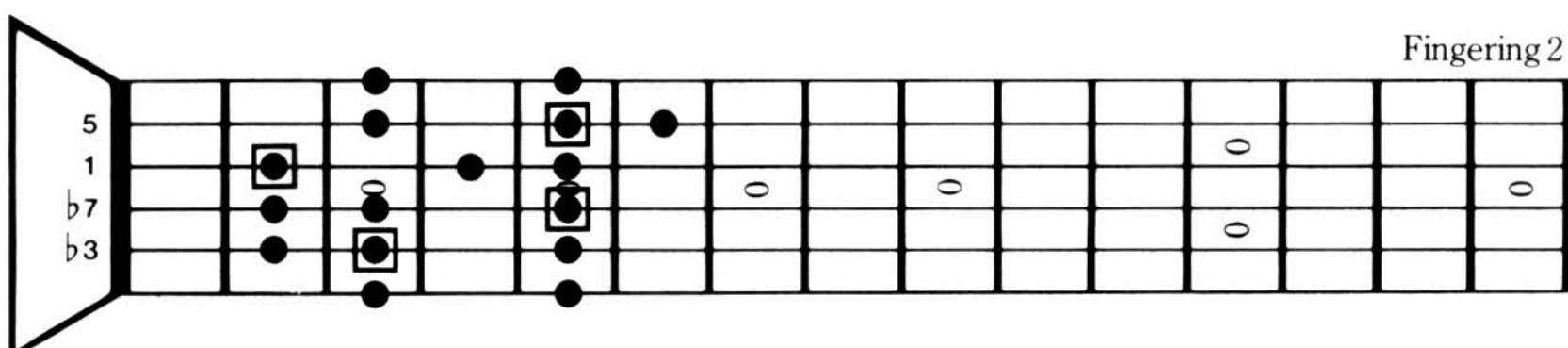
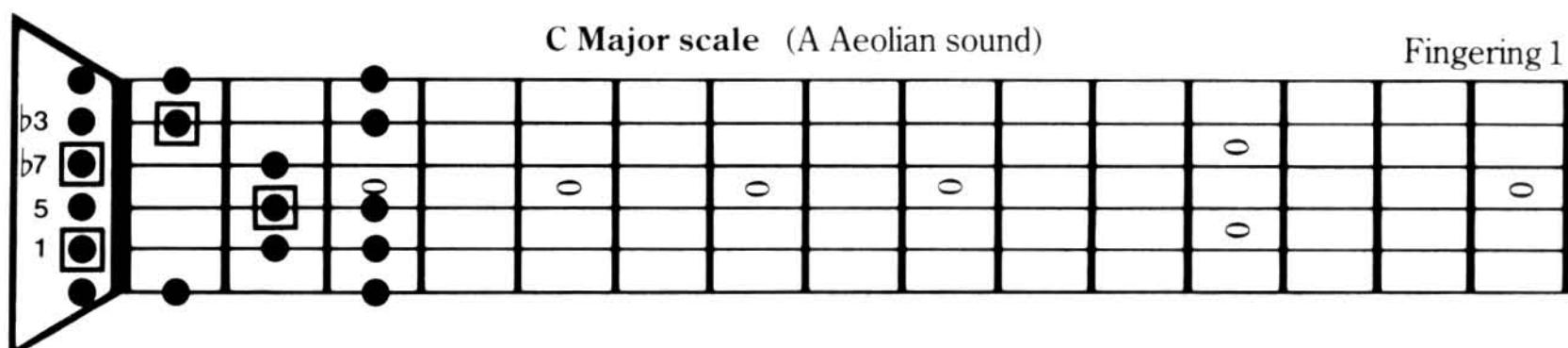
# Major Scale-Chord Combinations

VI Chord in C major

## Am7

The Am7 chord is spelled: A C E G = 1 b3 5 b7

This scale, which could also be called an A Natural or Pure minor scale, is still simply the notes of the C major scale.



# Major Scale-Chord Combinations

VII Chord in C major

**Bm7b5**

The Bm7b5 chord is spelled: B D F A = 1 b3 b5 b7

**C Major scale (B Locrian sound)**

Fingering 1

Fingering 2

Fingering 3

V

Fingering 4

VII

Fingering 5

X

# Harmonic minor Scale-Chord Combinations

I Chord in C Harmonic minor

**Cm $\sharp$ 7**

The C Harmonic minor scale is spelled:

C	D	Eb	F	G	Ab	B	C
1	2	3	4	5	6	7	1

The Cm $\sharp$ 7 chord is spelled:

C	Eb	G	B
1	b3	5	7

The chords in the key of C Harmonic minor are:

Cm $\sharp$ 7	Dm7b5	Ebmaj7#5	Fm7	G7	Abmaj7	Bdim7	Cm $\sharp$ 7
I	II	III	IV	V	VI	VII	I

**C Harmonic minor scale**

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

VII

X

10

# Harmonic minor Scale-Chord Combinations

II Chord in C Harmonic minor

**Dm7b5**

The Dm7b5 chord is spelled: D F Ab C = 1 b3 b5 b7

Here is another scale choice you have when playing over a m7b5 chord.

C Harmonic minor scale

Fingering 1

1  
b5  
b3  
b7

Fingering 2

1  
b7  
b3  
b5

Fingering 3

b3  
1  
b5  
b7

VII

Fingering 4

b5  
1  
b7  
b3

VII

Fingering 5

b7  
b3  
1  
b5

X

# Harmonic minor Scale-Chord Combinations

III Chord in C Harmonic minor

## Ebmaj7#5

The Ebmaj7#5 chord is spelled: Eb G B D = 1 3 #5 7

This Scale-Chord combination is very haunting yet very beautiful at the same time.

**C Harmonic minor scale**

Fingering 1

Fingering 2

Fingering 3

VII

Fingering 4

VII

Fingering 5

X

# Harmonic minor Scale-Chord Combinations

IV Chord in C Harmonic minor

**Fm7**

The Fm7 chord is spelled: F Ab C Eb = 1 b3 5 b7

This page shows still one more scale choice that you have when playing over a minor seventh chord.

C Harmonic minor scale

Fingering 1

Fingering 2

Fingering 3

VII

Fingering 4

VII

Fingering 5

X

# Harmonic minor Scale-Chord Combinations

V Chord in C Harmonic minor

**G7**

The G7 chord is spelled: G B D F = 1 3 5 b7

Within this Scale-Chord combination, the Harmonic minor scale colors the dominant seventh chord to give the extension of an 11th (C), and alterations of #5 and b9 (D# and Ab).

C Harmonic minor scale

Fingering 1

This diagram shows the first position of the C Harmonic minor scale on a guitar neck. The scale notes are marked with dots, and the G7 chord is indicated by squares. The notes are: 5 (B), 1 (G), b7 (Ab), 3 (D), 5 (B), 1 (G), b7 (Ab), 3 (D). The G7 chord is played at the 5th, 3rd, and 1st frets. The label 'Fingering 1' is on the right.

Fingering 2

This diagram shows the second position of the C Harmonic minor scale. The scale notes are: 5 (B), 3 (D), b7 (Ab), 1 (G), 5 (B), 3 (D), b7 (Ab), 1 (G). The G7 chord is indicated by squares at the 5th, 3rd, and 1st frets. The label 'Fingering 2' is on the right.

Fingering 3

This diagram shows the third position of the C Harmonic minor scale. The scale notes are: b7 (Ab), 5 (B), 1 (G), 3 (D), b7 (Ab), 5 (B), 1 (G). The G7 chord is indicated by squares at the 5th, 3rd, and 1st frets. The label 'Fingering 3' is on the right.

VII

Fingering 4

This diagram shows the fourth position of the C Harmonic minor scale. The scale notes are: 1 (G), b7 (Ab), 3 (D), 1 (G), 5 (B), 3 (D), b7 (Ab), 1 (G). The G7 chord is indicated by squares at the 5th, 3rd, and 1st frets. The label 'Fingering 4' is on the right.

VII

Fingering 5

This diagram shows the fifth position of the C Harmonic minor scale. The scale notes are: 3 (D), b7 (Ab), 5 (B), 1 (G), 3 (D), b7 (Ab), 5 (B), 1 (G). The G7 chord is indicated by squares at the 5th, 3rd, and 1st frets. The label 'Fingering 5' is on the right.

X

# Harmonic minor Scale-Chord Combinations

VI Chord in C Harmonic minor

## Abmaj7

The Abmaj7 chord is spelled: Ab C Eb G = 1 3 5 7

This combination creates an overall major7b5 sound due to the flat fifth interval (D) provided in this scale.

C Harmonic minor scale

Fingering 1

Fretboard diagram for Fingering 1. The scale starts at the 5th fret of the 6th string. The Abmaj7 chord is formed by the 1st, 3rd, 5th, and 7th frets of the 6th string. Fingerings are indicated by boxes: 1st finger at 5th fret, 2nd finger at 7th fret, 3rd finger at 3rd fret, and 4th finger at 1st fret.

Fingering 2

Fretboard diagram for Fingering 2. The scale starts at the 5th fret of the 6th string. The Abmaj7 chord is formed by the 1st, 3rd, 5th, and 7th frets of the 6th string. Fingerings are indicated by boxes: 1st finger at 5th fret, 2nd finger at 7th fret, 3rd finger at 3rd fret, and 4th finger at 1st fret.

VII

Fingering 3

Fretboard diagram for Fingering 3. The scale starts at the 7th fret of the 6th string. The Abmaj7 chord is formed by the 1st, 3rd, 5th, and 7th frets of the 6th string. Fingerings are indicated by boxes: 1st finger at 7th fret, 2nd finger at 5th fret, 3rd finger at 1st fret, and 4th finger at 3rd fret.

VII

Fingering 4

Fretboard diagram for Fingering 4. The scale starts at the 7th fret of the 6th string. The Abmaj7 chord is formed by the 1st, 3rd, 5th, and 7th frets of the 6th string. Fingerings are indicated by boxes: 1st finger at 7th fret, 2nd finger at 5th fret, 3rd finger at 3rd fret, and 4th finger at 1st fret.

X

Fingering 5

Fretboard diagram for Fingering 5. The scale starts at the 3rd fret of the 6th string. The Abmaj7 chord is formed by the 1st, 3rd, 5th, and 7th frets of the 6th string. Fingerings are indicated by boxes: 1st finger at 3rd fret, 2nd finger at 5th fret, 3rd finger at 7th fret, and 4th finger at 1st fret.

# Harmonic minor Scale-Chord Combinations

VII Chord in C Harmonic minor

## Bdim7

The Bdim7 chord is spelled: B D F Ab = 1 b3 b5 bb7 (6)

The Harmonic minor scale is very colorful when played against the diminished seventh chord. Try this combination as a substitute for G7.

The image displays five separate guitar neck diagrams, each illustrating a different fingering for playing a Harmonic minor scale against a Bdim7 chord. Each diagram shows the six strings of a guitar neck with fret numbers indicated on the left. The notes of the scale are marked with dots, and the Bdim7 chord is indicated by squares. The diagrams are labeled as follows:

- Fingering 1:** Shows the first position of the scale starting on the 1st string at the 1st fret. The Bdim7 chord is formed by the 6th, 5th, and 1st strings at the 1st fret.
- Fingering 2:** Shows the second position of the scale starting on the 6th string at the 6th fret. The Bdim7 chord is formed by the 6th, 5th, and 1st strings at the 6th fret.
- Fingering 3:** Shows the third position of the scale starting on the 1st string at the 5th fret. The Bdim7 chord is formed by the 6th, 5th, and 1st strings at the 5th fret. The label "VII" is centered below the neck.
- Fingering 4:** Shows the fourth position of the scale starting on the 6th string at the 1st fret. The Bdim7 chord is formed by the 6th, 5th, and 1st strings at the 1st fret. The label "VII" is centered below the neck.
- Fingering 5:** Shows the fifth position of the scale starting on the 1st string at the 6th fret. The Bdim7 chord is formed by the 6th, 5th, and 1st strings at the 6th fret. The label "X" is centered below the neck.

# Melodic minor Scale-Chord Combinations

I Chord in C Jazz Melodic minor

**Cm $\sharp$ 7**

The C Jazz Melodic minor scale is spelled:

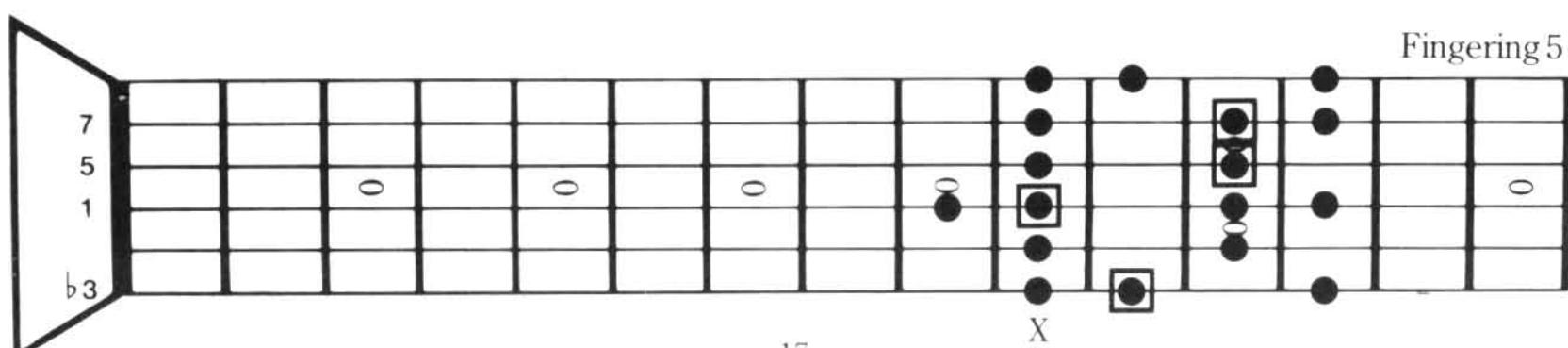
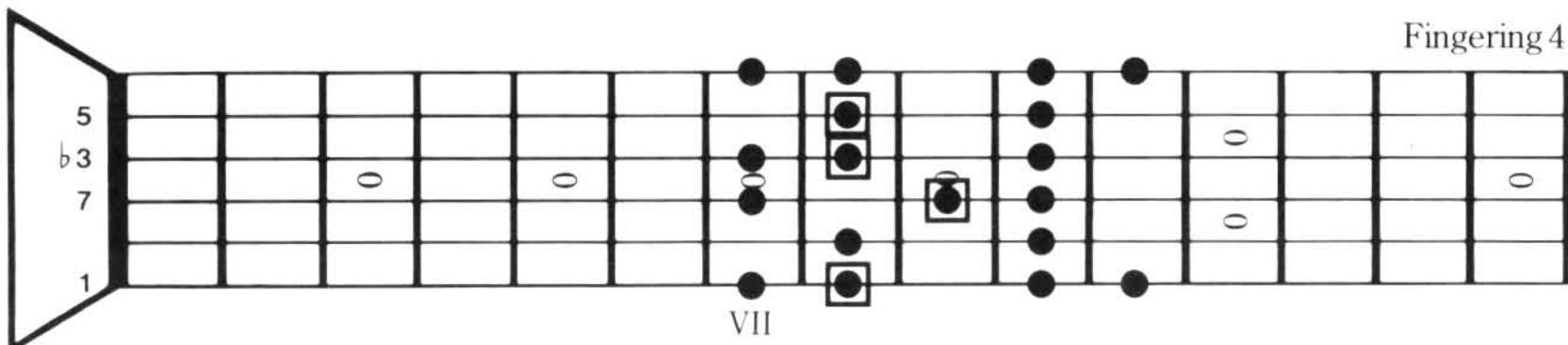
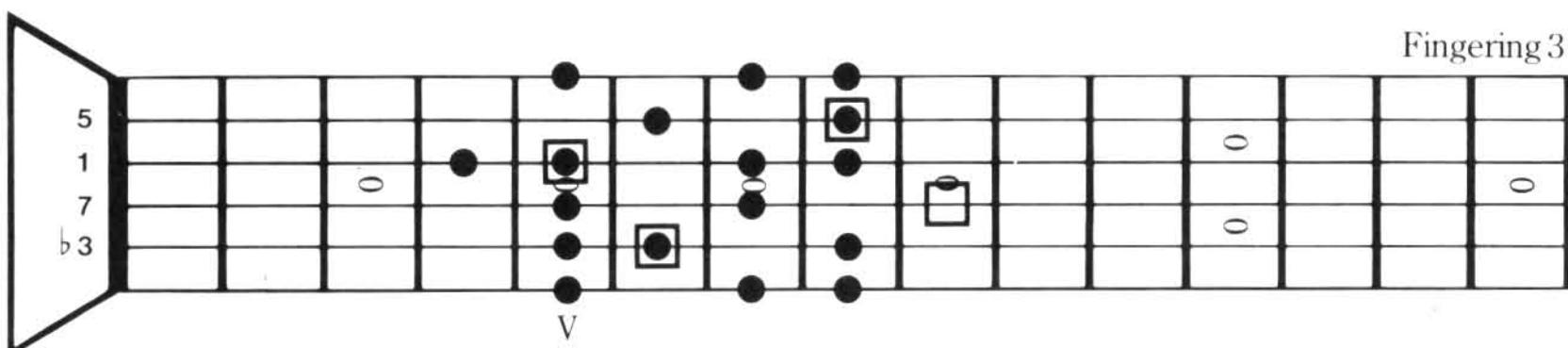
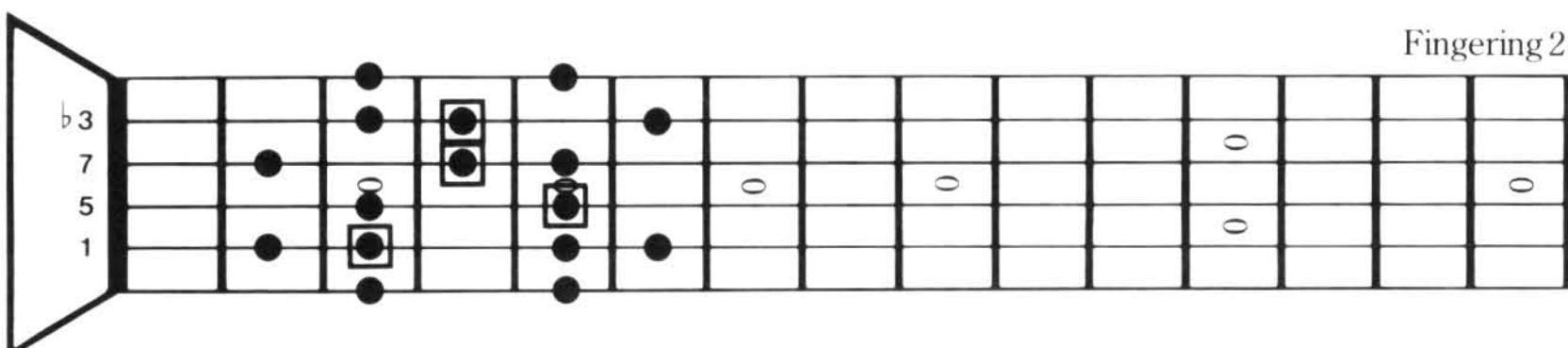
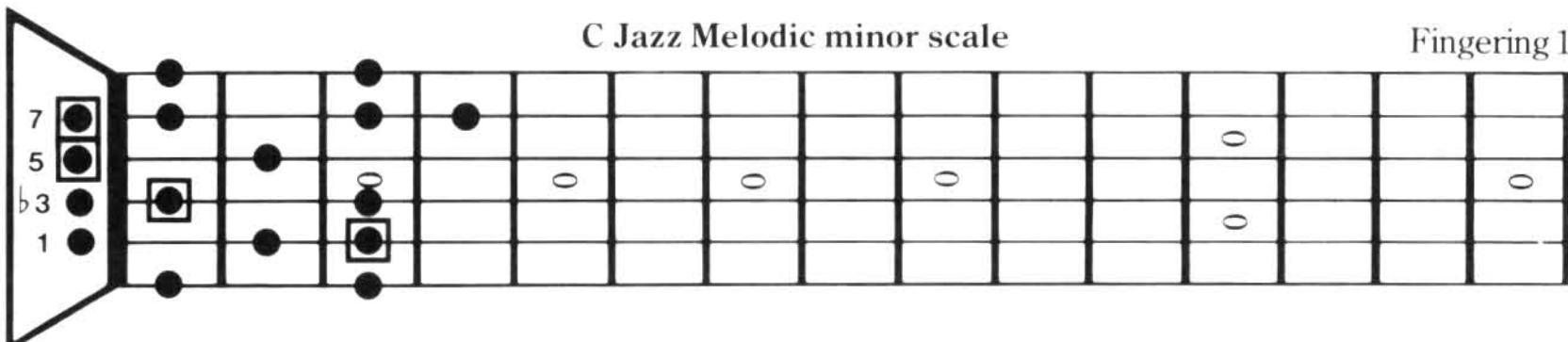
C	D	Eb	F	G	A	B	C
1	2	3	4	5	6	7	1

The Cm $\sharp$ 7 chord is spelled:

C	Eb	G	B
1	b3	5	7

The chords in the key of C Jazz Melodic minor are:

Cm $\sharp$ 7	Dm7	Ebmaj7#5	F7	G7	Am7b5	Bm7b5	Cm $\sharp$ 7
I	II	III	IV	V	VI	VII	I



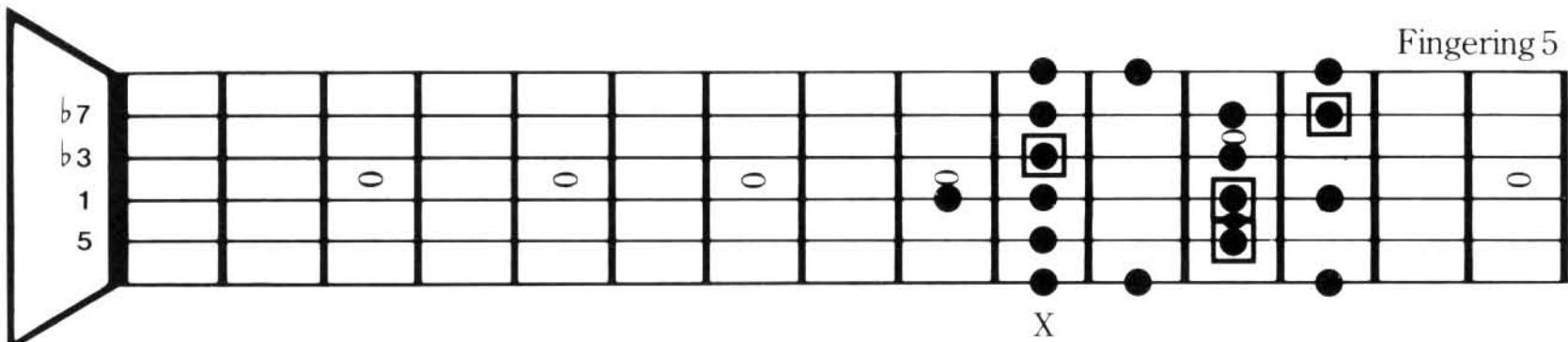
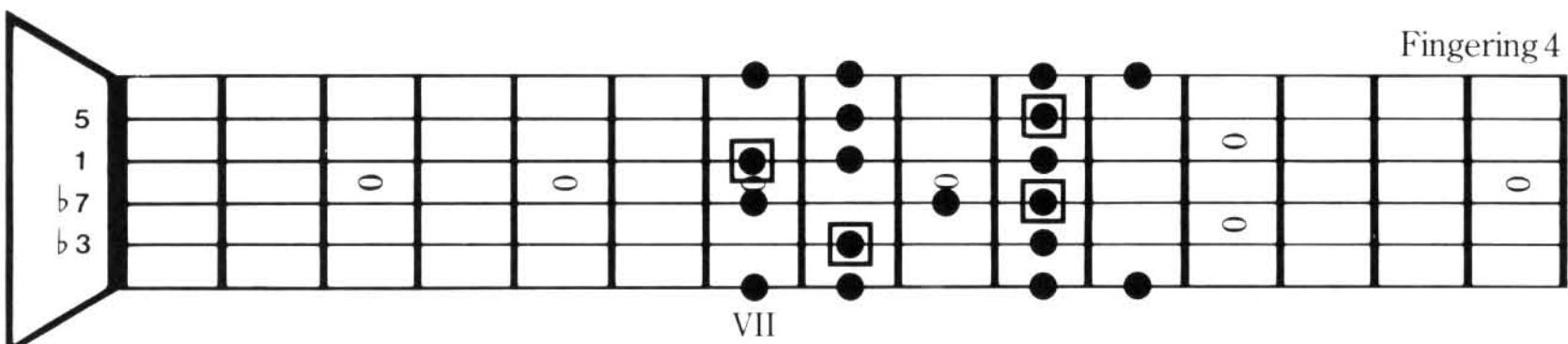
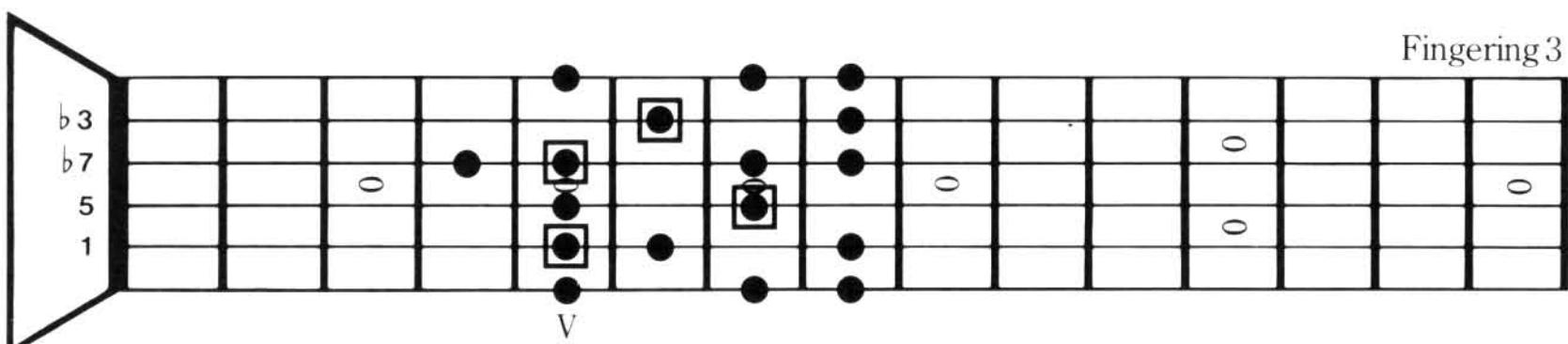
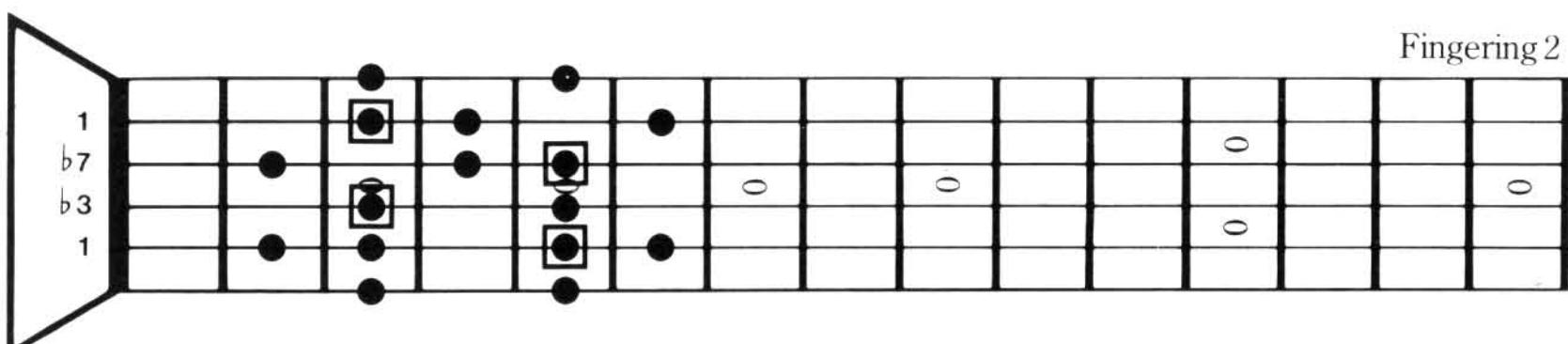
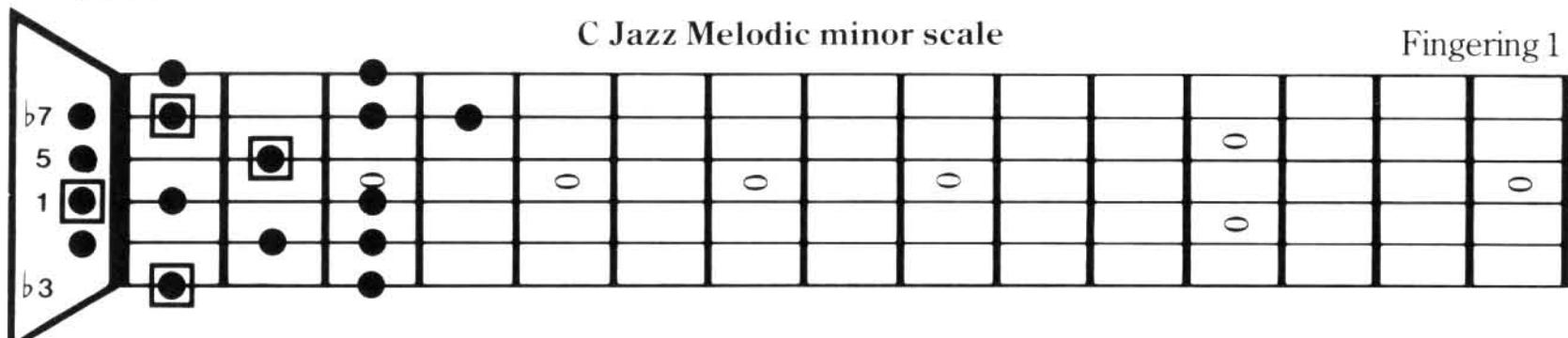
# Melodic minor Scale-Chord Combinations

II Chord in C Jazz Melodic minor

**Dm7**

The Dm7 chord is spelled: D F A C = 1 b3 5 b7

This combination may sound a bit dissonant or outside due to the b9 (Eb) note, but still can be very useful.



# Melodic minor Scale-Chord Combinations

III Chord in C Jazz Melodic minor

**Ebmaj7#5**

The Ebmaj7#5 chord is spelled: Eb G B D = 1 3 #5 7

C Jazz Melodic minor scale

Fingering 1

Fretboard diagram for Fingering 1 showing the C Jazz Melodic minor scale. The scale starts at the 12th fret of the 6th string (E) and continues up the neck. Fingerings are indicated by small squares: 1st finger on 12th fret 6th string, 2nd finger on 10th fret 5th string, 3rd finger on 9th fret 4th string, 4th finger on 8th fret 3rd string, and 1st finger on 7th fret 2nd string.

Fingering 2

Fretboard diagram for Fingering 2 showing the C Jazz Melodic minor scale. The scale starts at the 12th fret of the 6th string (E) and continues up the neck. Fingerings are indicated by small squares: 1st finger on 12th fret 6th string, 2nd finger on 10th fret 5th string, 3rd finger on 9th fret 4th string, 4th finger on 8th fret 3rd string, and 1st finger on 7th fret 2nd string.

Fingering 3

Fretboard diagram for Fingering 3 showing the C Jazz Melodic minor scale. The scale starts at the 12th fret of the 6th string (E) and continues up the neck. Fingerings are indicated by small squares: 1st finger on 12th fret 6th string, 2nd finger on 10th fret 5th string, 3rd finger on 9th fret 4th string, 4th finger on 8th fret 3rd string, and 1st finger on 7th fret 2nd string. The letter 'V' is placed below the 5th string.

Fingering 4

Fretboard diagram for Fingering 4 showing the C Jazz Melodic minor scale. The scale starts at the 12th fret of the 6th string (E) and continues up the neck. Fingerings are indicated by small squares: 1st finger on 12th fret 6th string, 2nd finger on 10th fret 5th string, 3rd finger on 9th fret 4th string, 4th finger on 8th fret 3rd string, and 1st finger on 7th fret 2nd string. The letter 'VII' is placed below the 5th string.

Fingering 5

Fretboard diagram for Fingering 5 showing the C Jazz Melodic minor scale. The scale starts at the 12th fret of the 6th string (E) and continues up the neck. Fingerings are indicated by small squares: 1st finger on 12th fret 6th string, 2nd finger on 10th fret 5th string, 3rd finger on 9th fret 4th string, 4th finger on 8th fret 3rd string, and 1st finger on 7th fret 2nd string. The letter 'X' is placed below the 5th string.

# Melodic minor Scale-Chord Combinations

IV Chord in C Jazz Melodic minor

**F7**

The F7 chord is spelled: F A C Eb = 1 3 5 b7

This combination, also referred to as the Lydian b7 scale, is an excellent scale to use over a dominant 7th chord because of its “modern” sound, due to the b5th note.

**C Jazz Melodic minor scale**

Fingering 1

Fingering 2

Fingering 3

V

Fingering 4

VII

Fingering 5

X

# Melodic minor Scale-Chord Combinations

V Chord in C Jazz Melodic minor

**G7**

The G7 chord is spelled: G B D F = 1 3 5 b7

This is a commonly used altered dominant 7th Scale-Chord relationship.

**C Jazz Melodic minor scale**

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

# Melodic minor Scale-Chord Combinations

VI Chord in C Jazz Melodic minor

## Am7b5

The Am7b5 chord is spelled: A C Eb G = 1 b3 b5 b7

The Scale-Chord combinations on this and the following page show two more ways to treat the m7b5 chord.

**C Jazz Melodic minor scale**

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

# Melodic minor Scale-Chord Combinations

VII Chord in C Jazz Melodic minor

**Bm7b5**

The Bm7b5 chord is spelled: B D F A = 1 b3 b5 b7

C Jazz Melodic minor scale

Fingering 1

Fingering 2

Fingering 3

V

Fingering 4

VII

Fingering 5

X

# **Coloring Chord Types**

**(review)**

The chart below shows the seven categories of chords that by now we are familiar with. The chart is a review of the material that we've covered up till now and also an easy way to memorize the scale possibilities that are offered to each type of chord.

## **MAJOR 7th**

- I chord major key (p3)
- IV chord major key (p6)
- VI chord harmonic minor key (p15)

## **MINOR 7th**

- II chord major key (p4)
- III chord major key (p5)
- VI chord major key (p8)
- II chord melodic minor key (p18)
- IV chord harmonic minor key (p13)

## **DOMINANT 7th**

- V chord major key (p7)
- V chord harmonic minor key (p14)
- IV chord melodic minor key (p20)
- V chord melodic minor key (p21)

## **MINOR 7b5**

- VII chord major key (p9)
- II chord harmonic minor key (p11)
- VI chord melodic minor key (p22)
- VII chord melodic minor key (p23)

## **MINOR/MAJOR 7th**

- I chord harmonic minor key (p10)
- I chord melodic minor key (p17)

## **MAJOR 7#5**

- III chord harmonic minor key (p12)
- III chord melodic minor key (p19)

## **DIMINISHED 7th**

- VII chord harmonic minor key (p16)

## Specialty Section

In the following pages are some of my favorite Scale-Chord combinations. As there are many more scale possibilities for these chords, I suggest that you refer to the chart on page 39 for additional choices. I also highly recommend that you analyze and experiment with these Scale-Chord relationships and decide for yourself which ones you want to use in your playing.

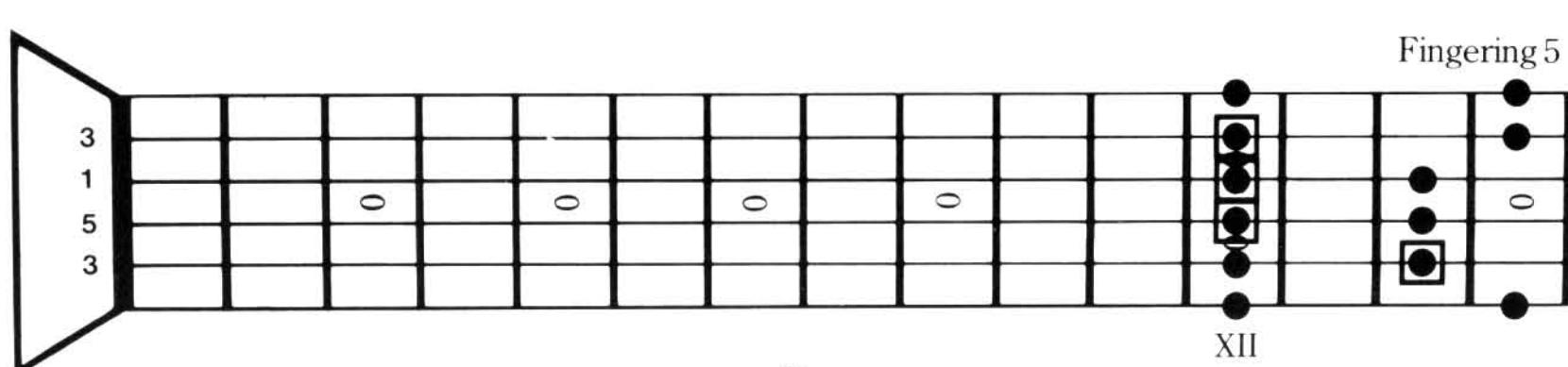
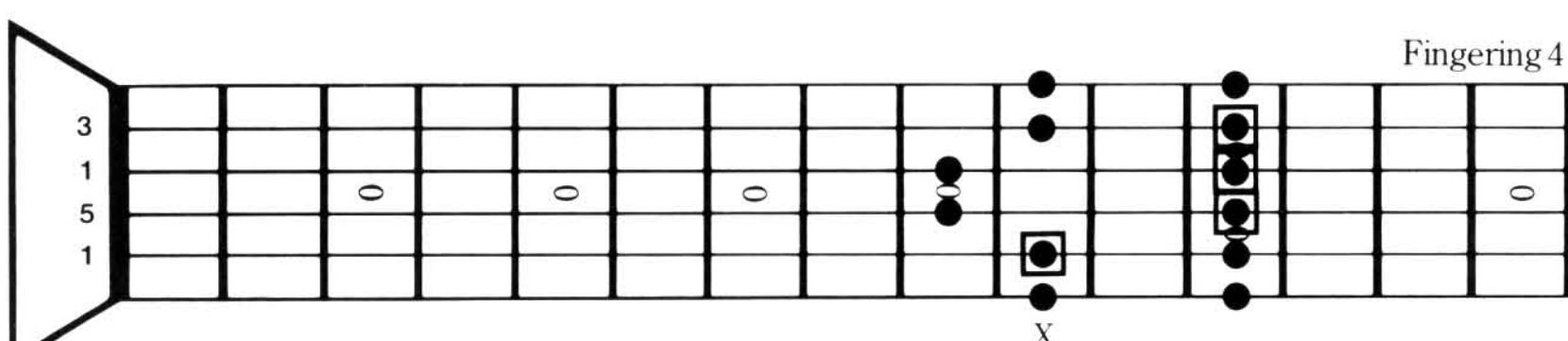
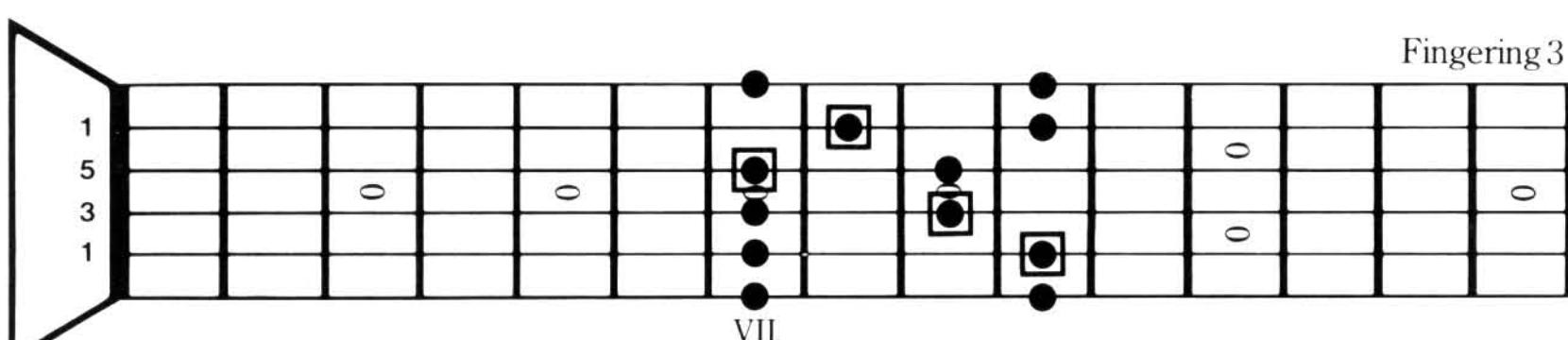
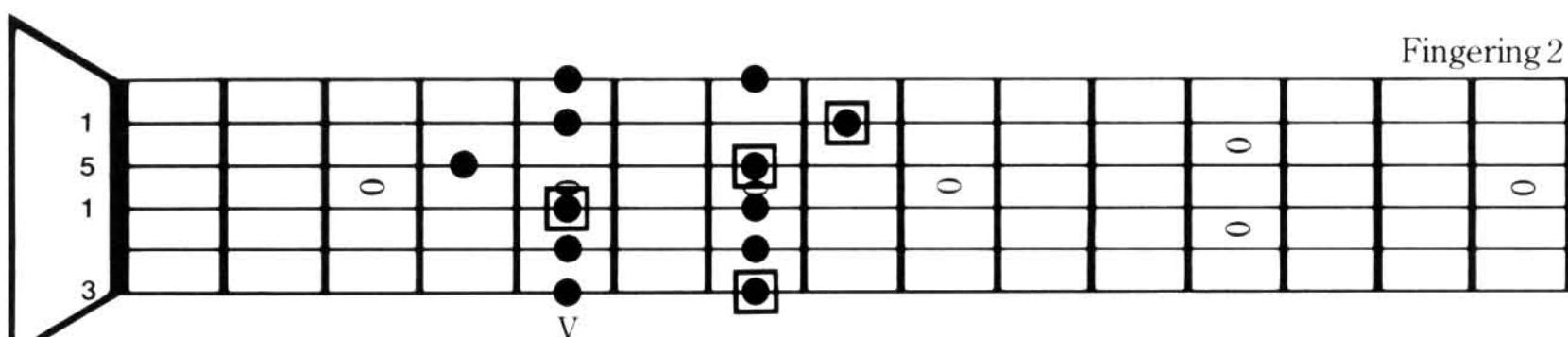
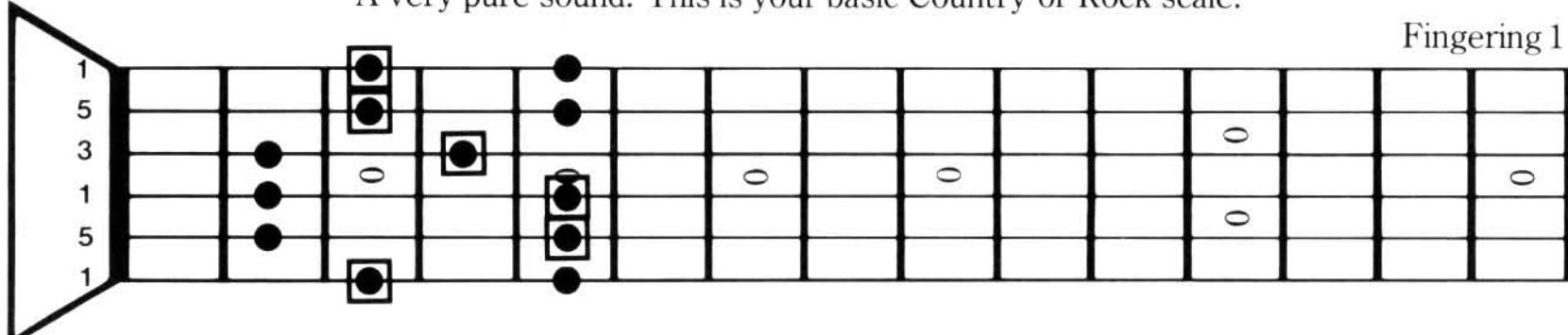
This section shows Scale-Chord combinations that are not a direct result of any harmonized scale.

### G Pentatonic scale over G major chord

G A B D E G

G B D  
1 3 5

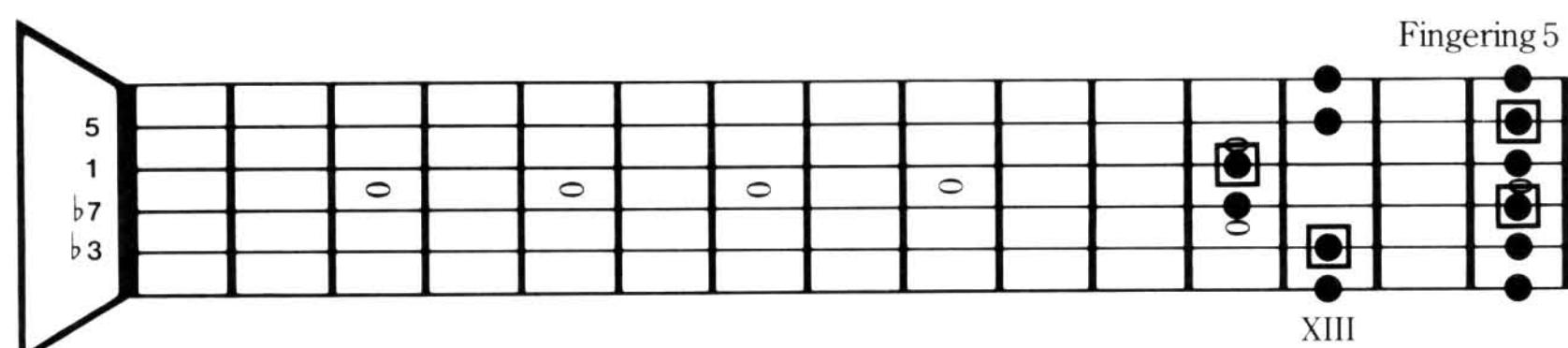
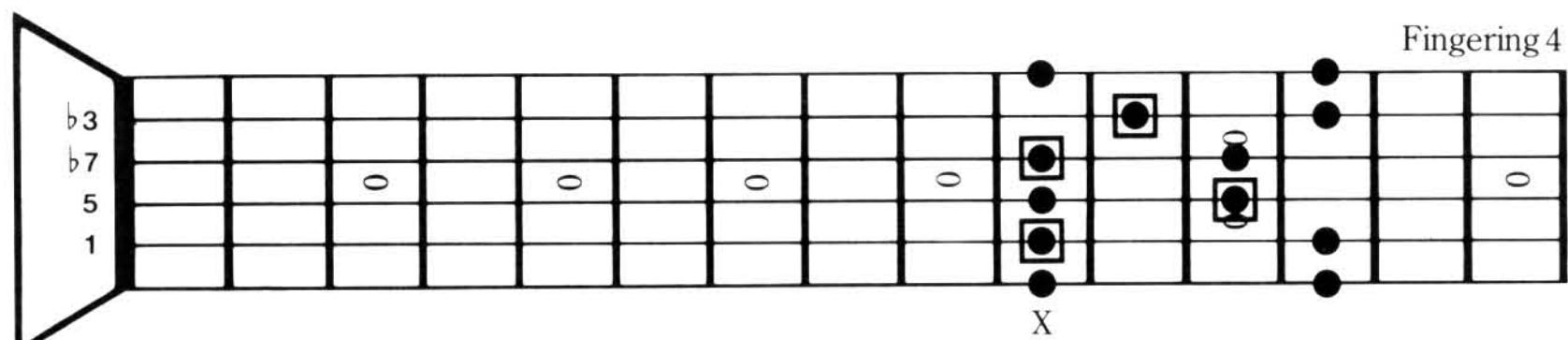
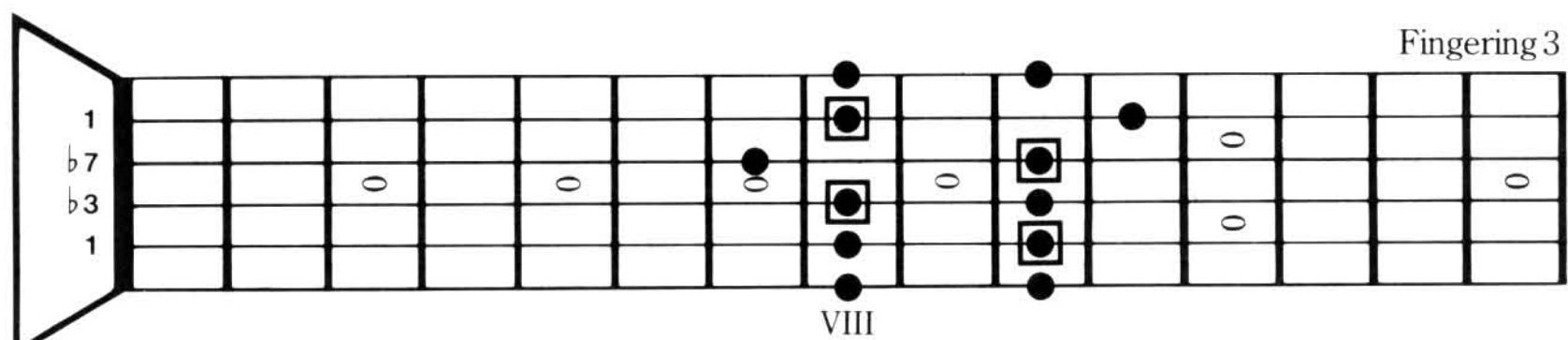
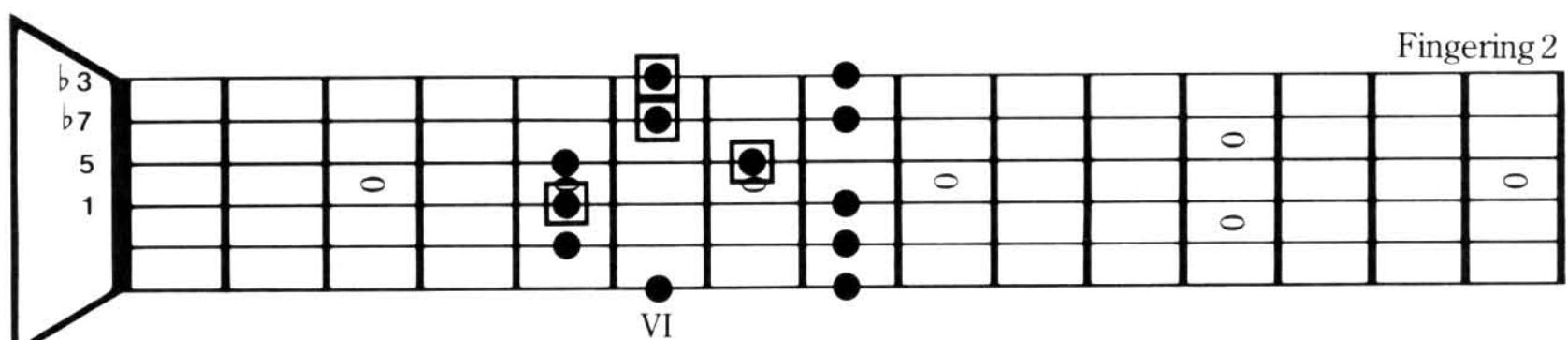
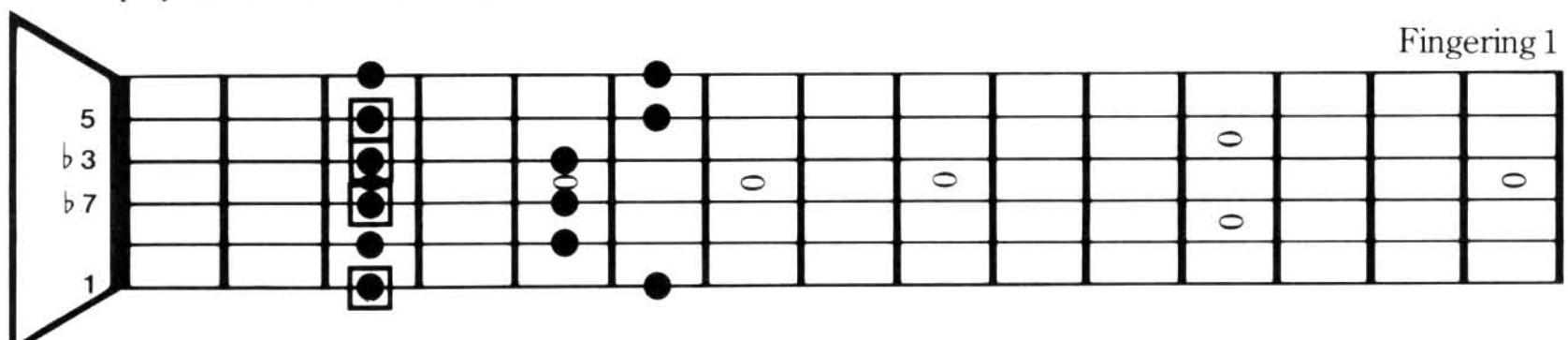
A very pure sound. This is your basic Country or Rock scale.



## Bb Pentatonic scale over Gm7 chord

Bb Pentatonic					Gm7				
Bb	C	D	F	G	Bb	G	Bb	D	F
						1	b3	5	b7

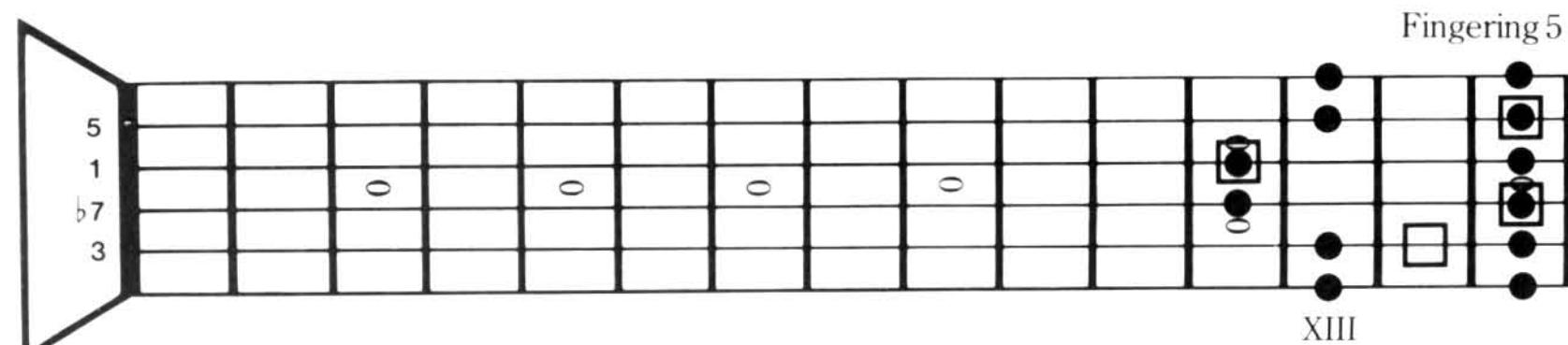
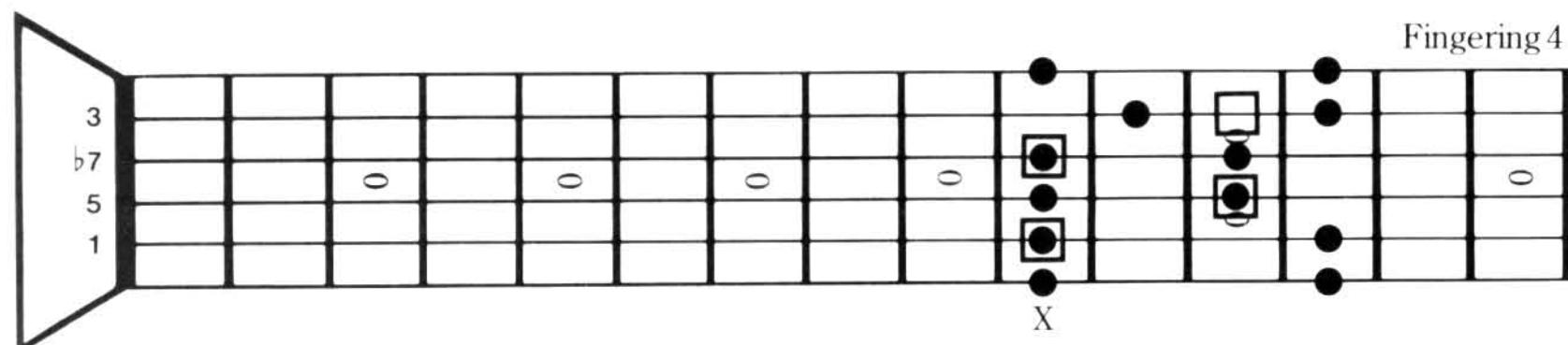
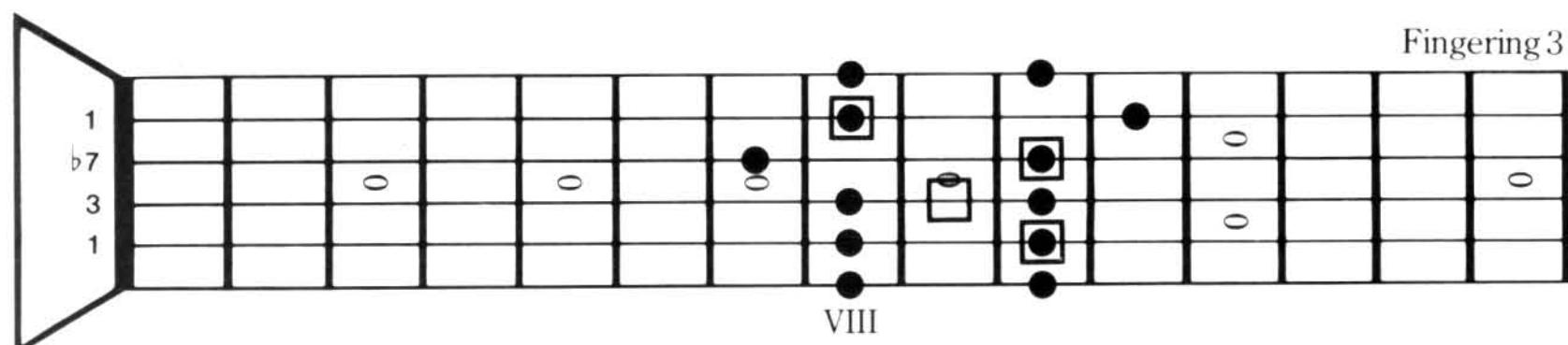
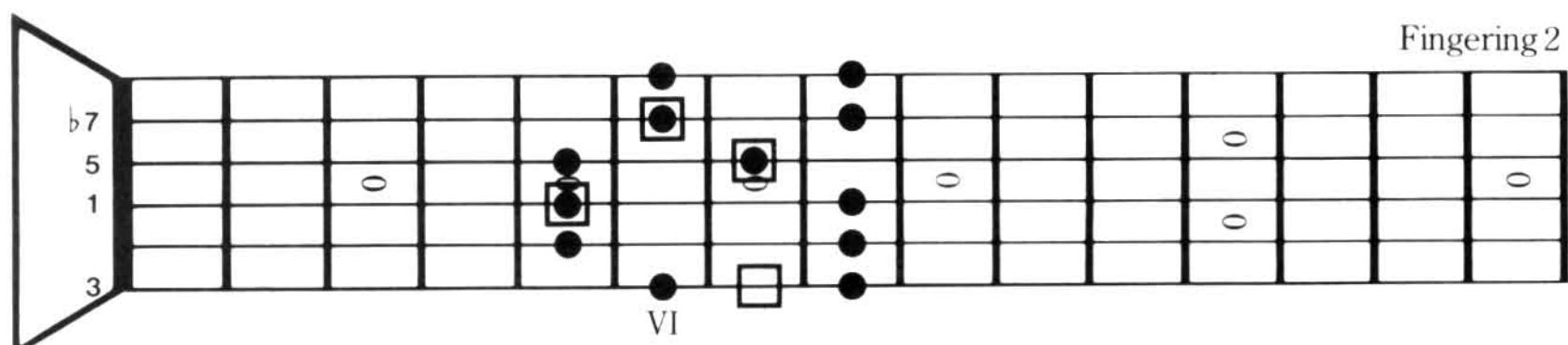
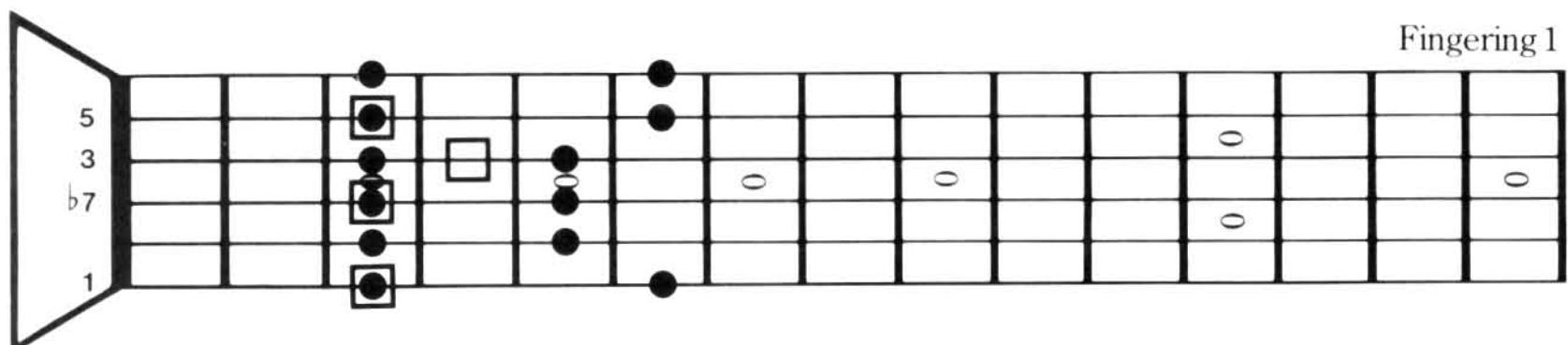
This Scale-Chord combination is commonly used today in a Rock or Funk context. If you're a blues player, this scale is a must!



## Bb Pentatonic scale over G7 chord

Bb Pentatonic						G7			
Bb	C	D	F	G	Bb	G	B	D	F
1	3	5			b7	1	3	5	b7

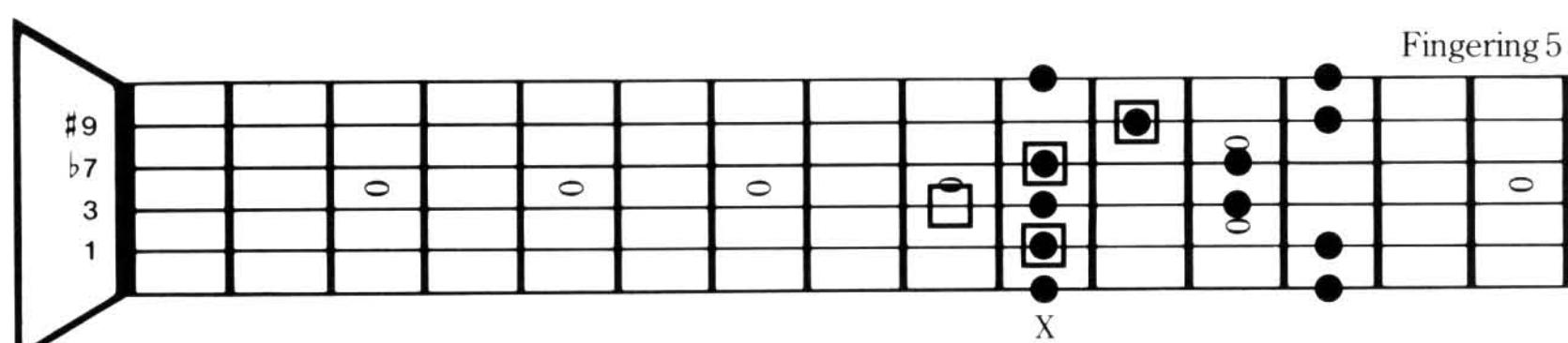
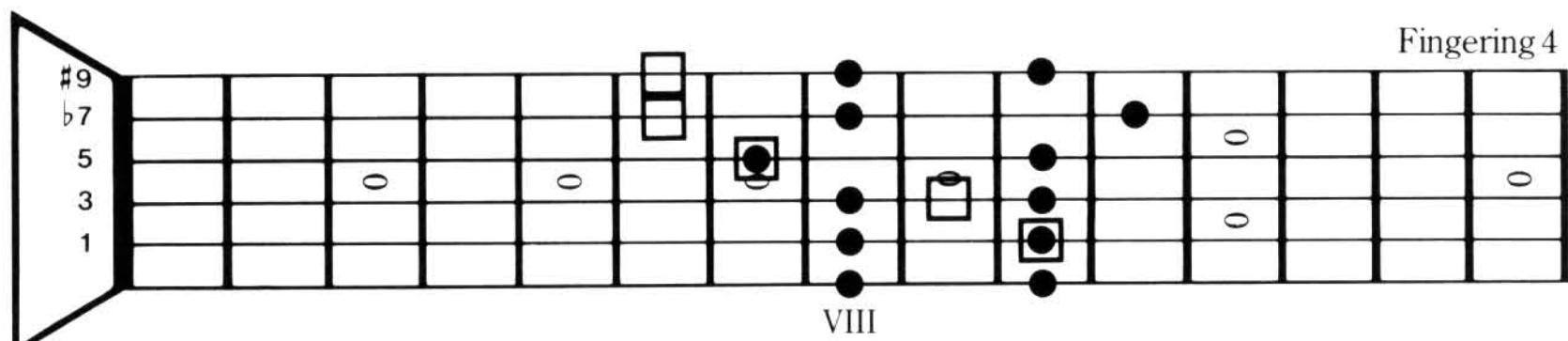
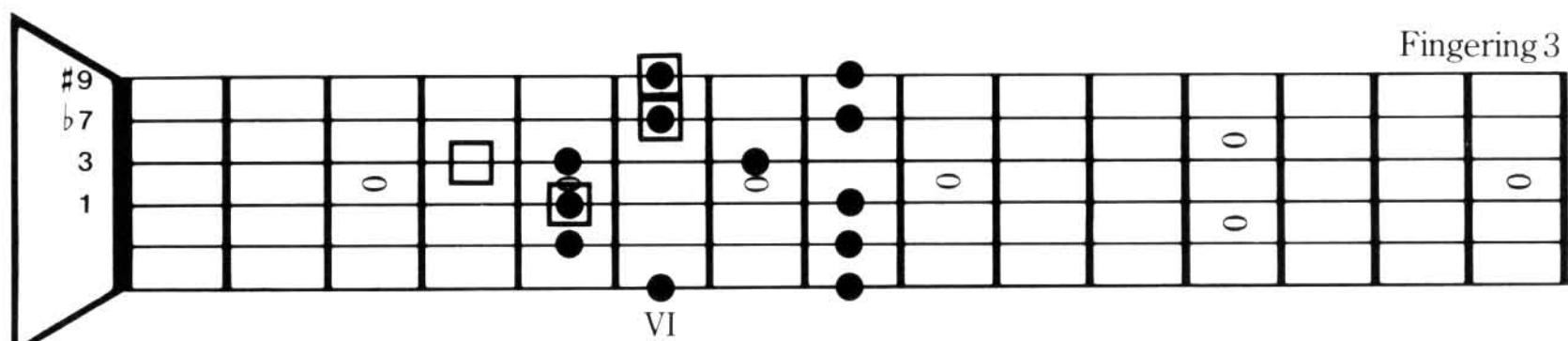
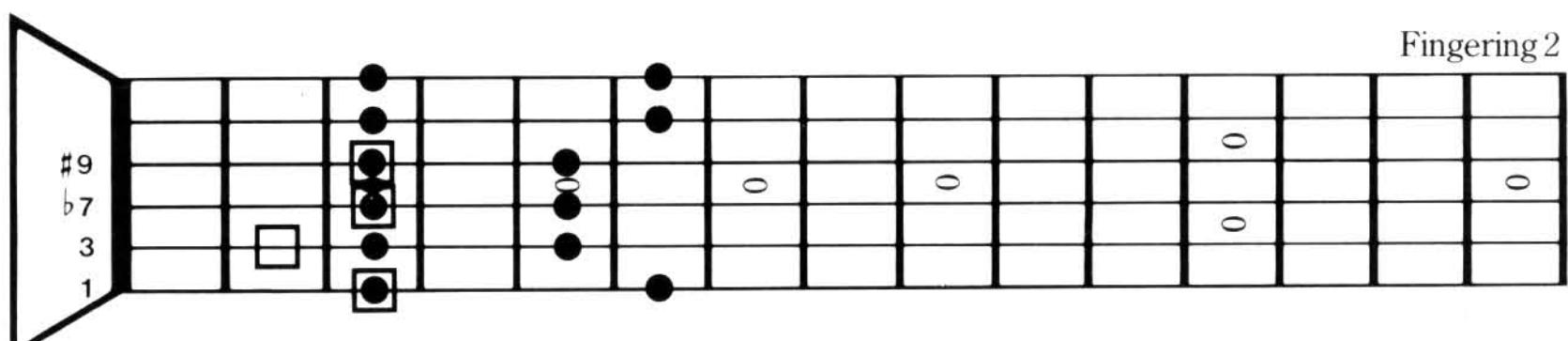
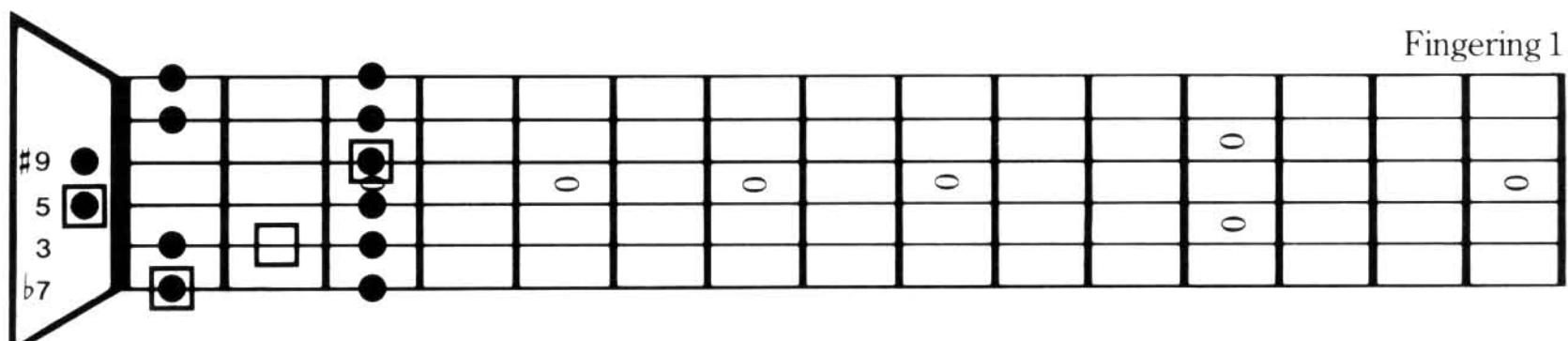
This is a common blues scale effect against a dominant seventh chord.



## The Bb Pentatonic scale over G7#9 chord

Bb Pentatonic					G7#9				
Bb	C	D	F	G	Bb	G	Bb	D	F
						1	b3	5	b7

The Bb Pentatonic scale also works very well over G7#9.

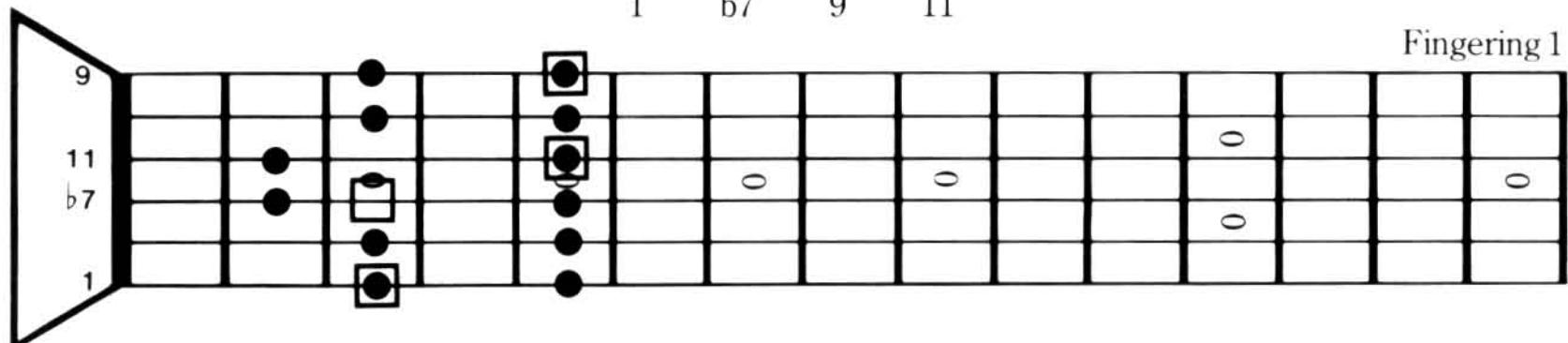


## C Pentatonic scale over G11 chord

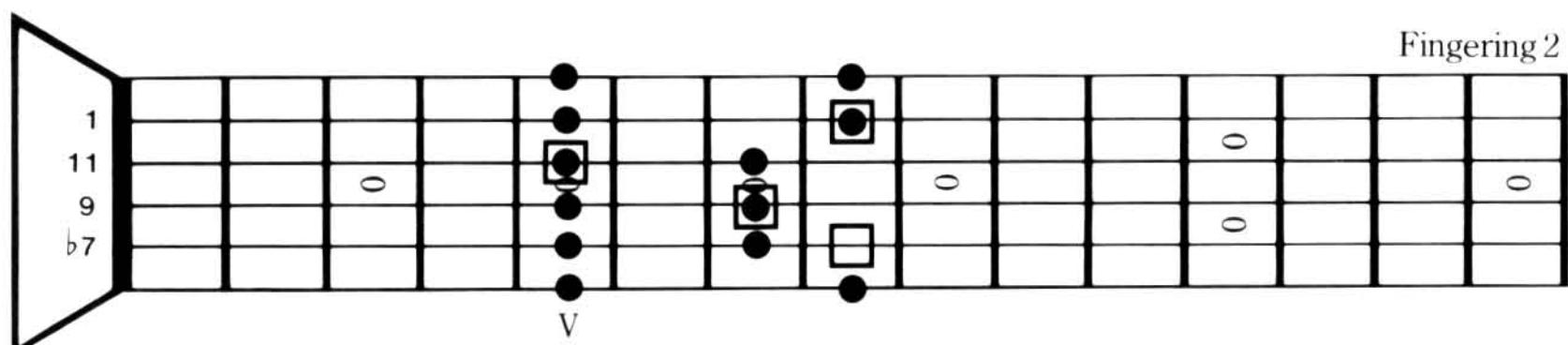
C Pentatonic  
C      D      E      G      A      C

G11

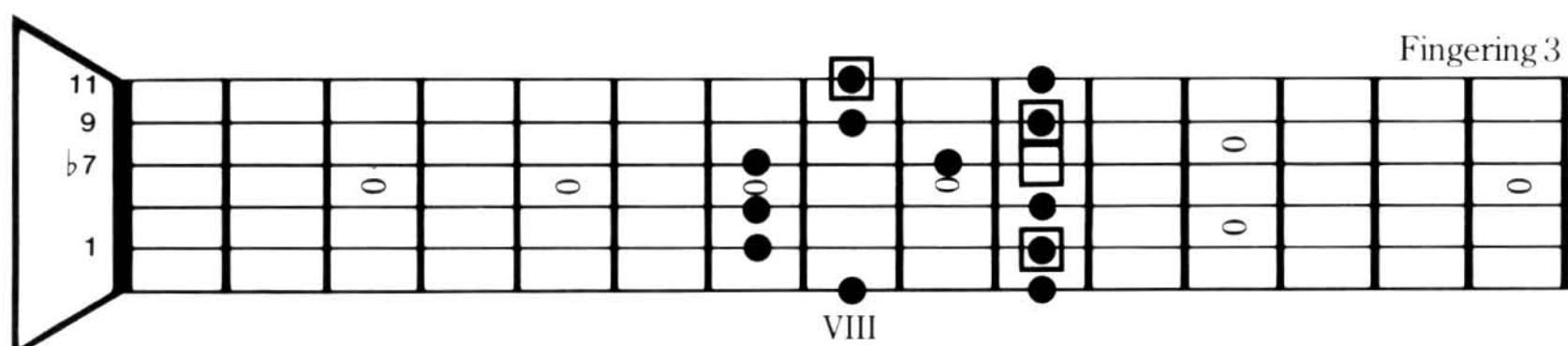
G      F      A      C  
1      b7      9      11



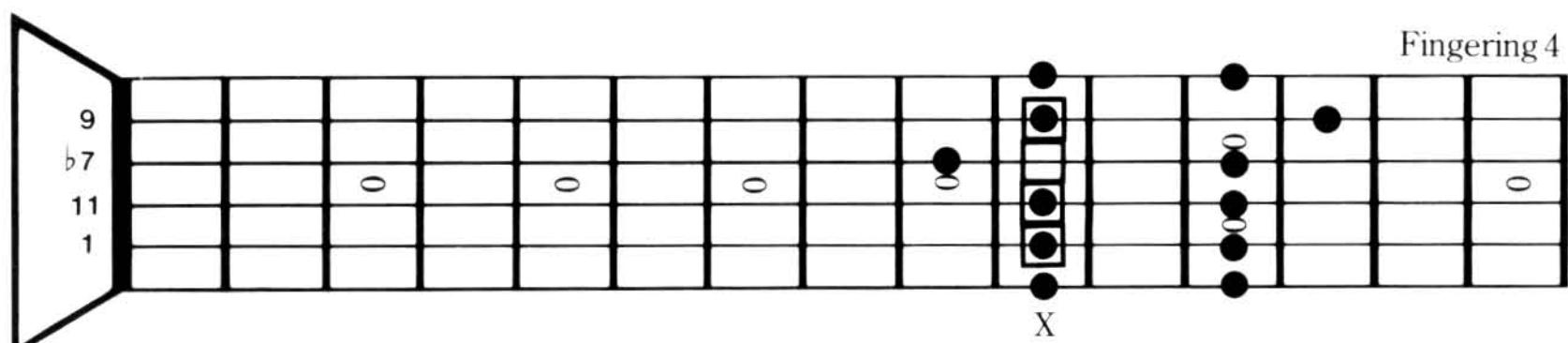
Fingering 1



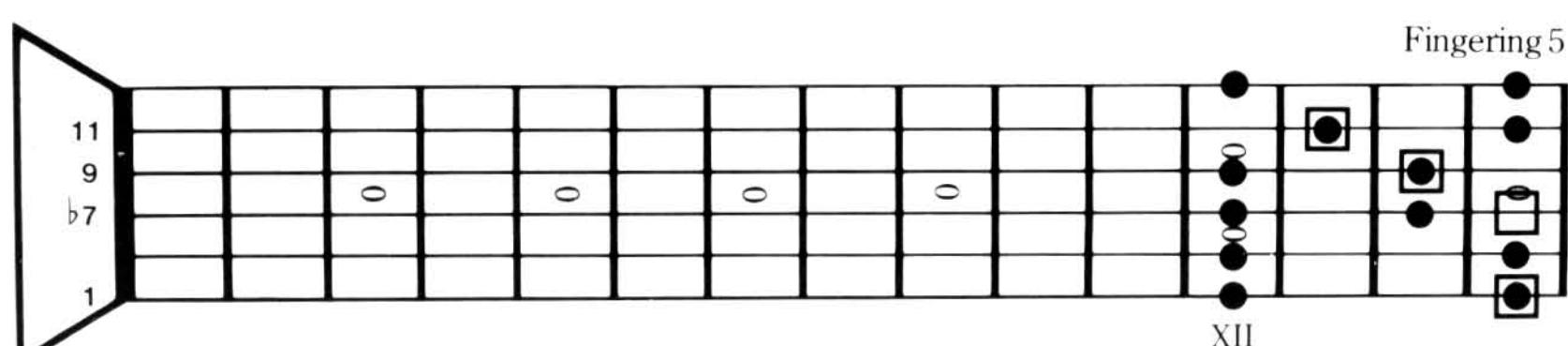
Fingering 2



Fingering 3



Fingering 4

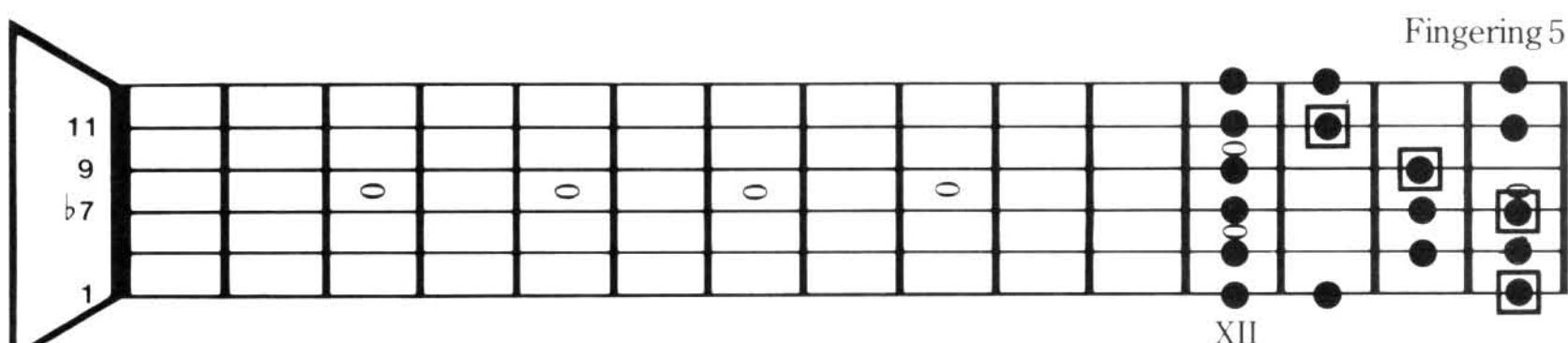
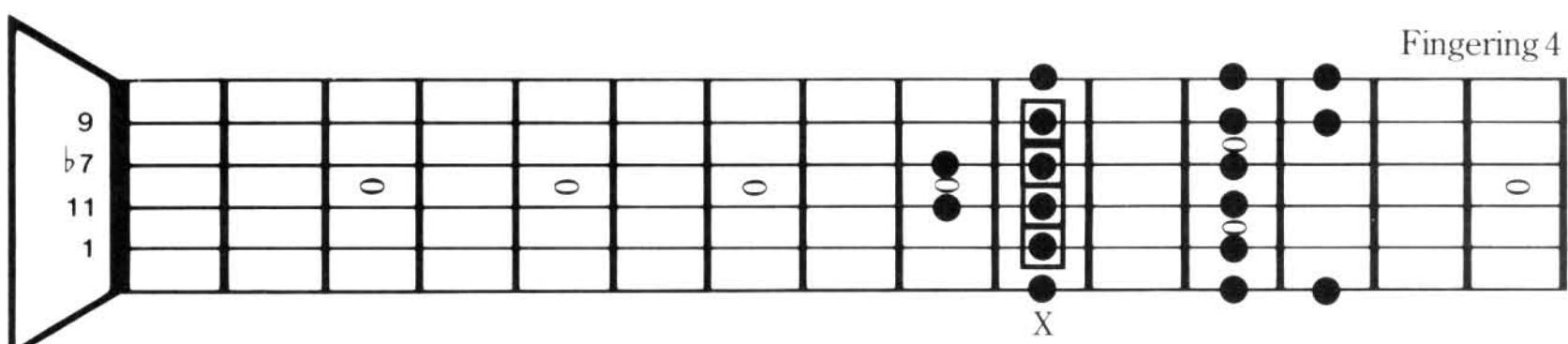
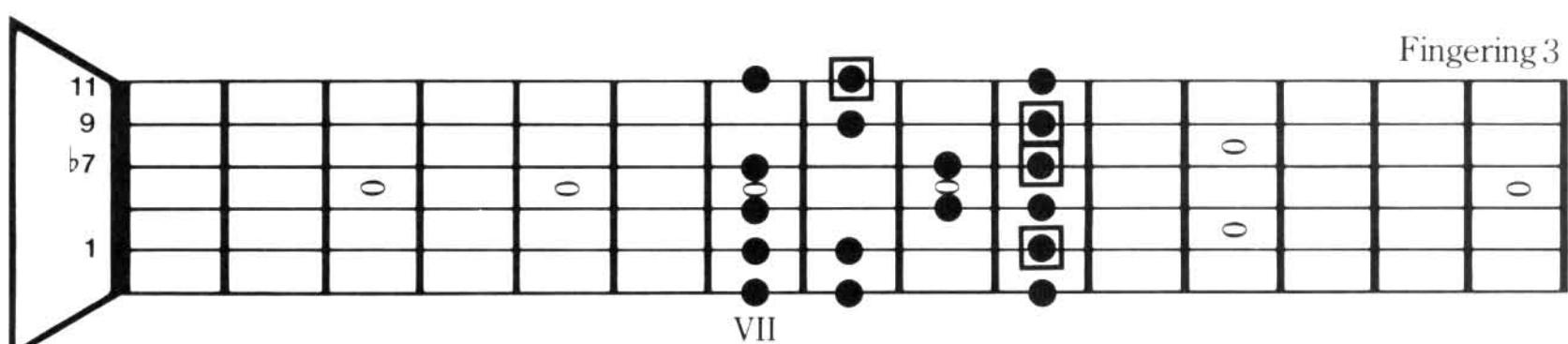
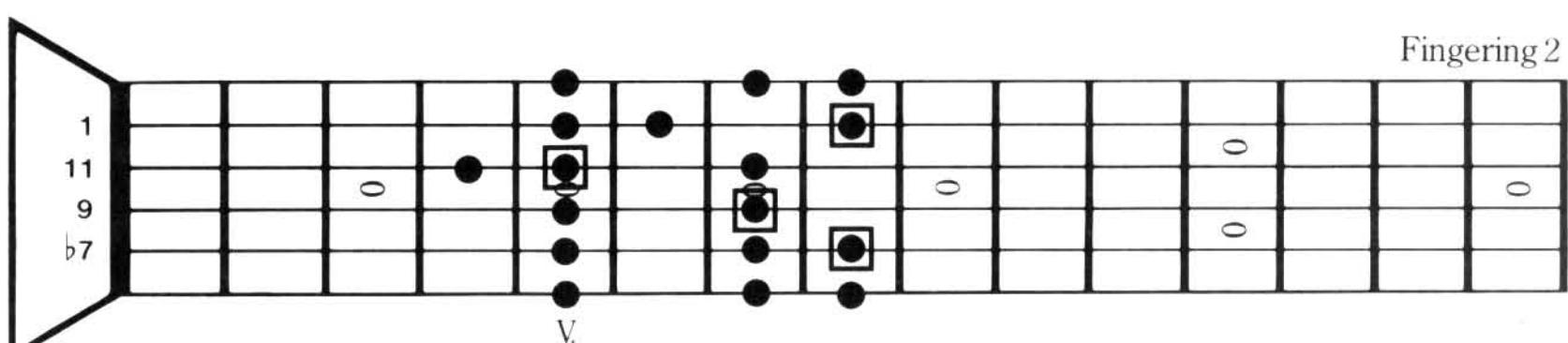
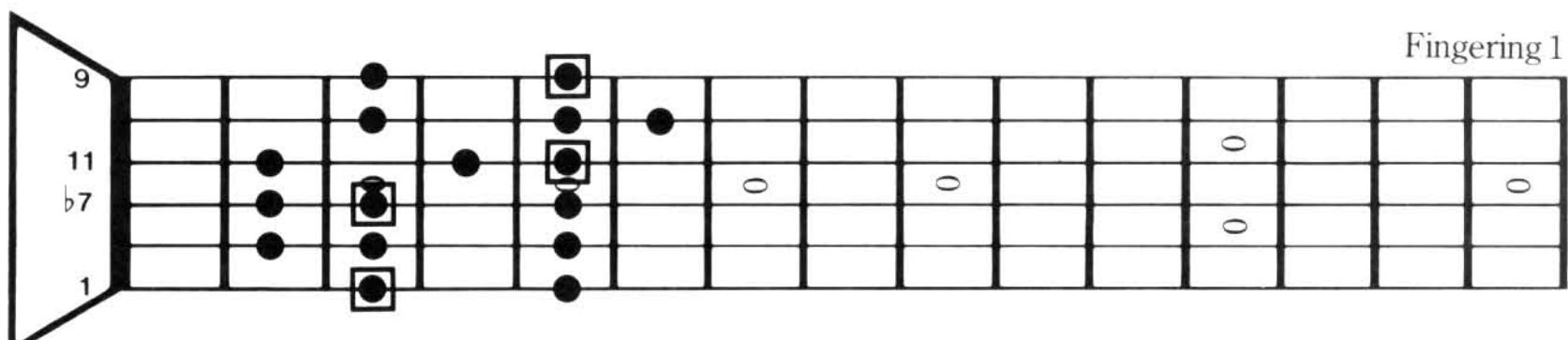


Fingering 5

## C Major scale over G11 chord

C Major								G11			
C	D	E	F	G	A	B	C	G	F	A	C
1								1	b7	9	11

This is the same basic tonality as the last page, with a few more notes added.

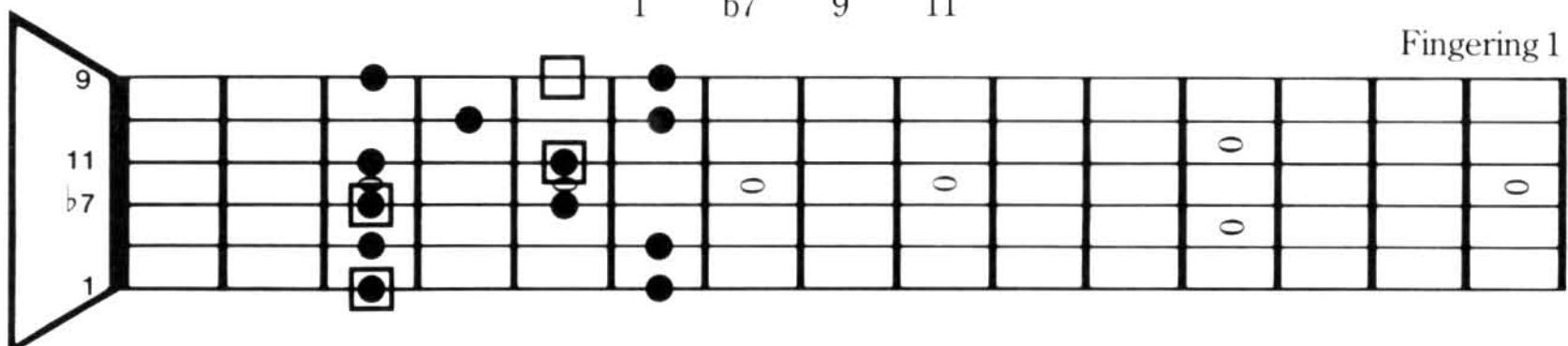


## Eb Pentatonic scale over G11 chord

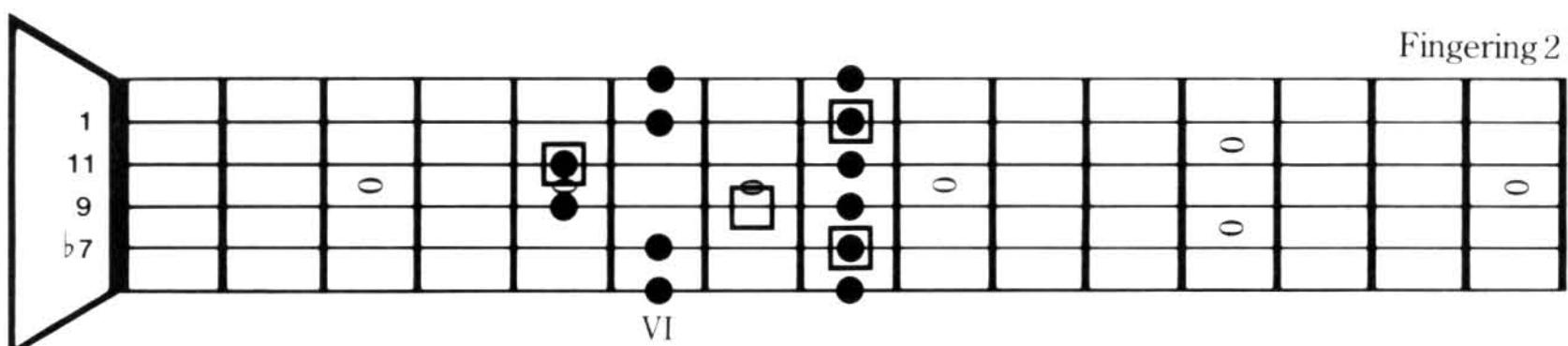
Eb Pentatonic

Eb   F   G   Bb   C   Eb

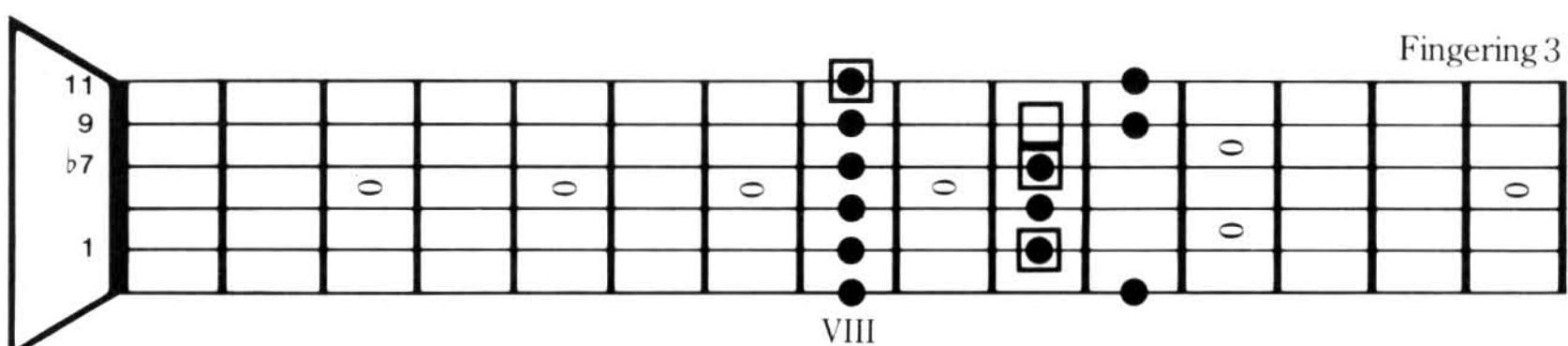
G11

G   F   A   C  
1   b7   9   11

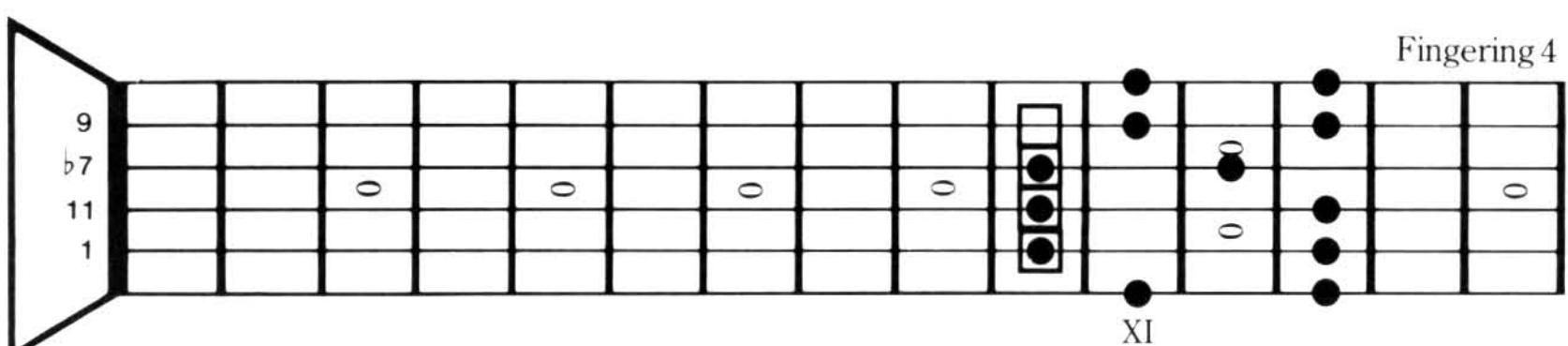
Fingering 1



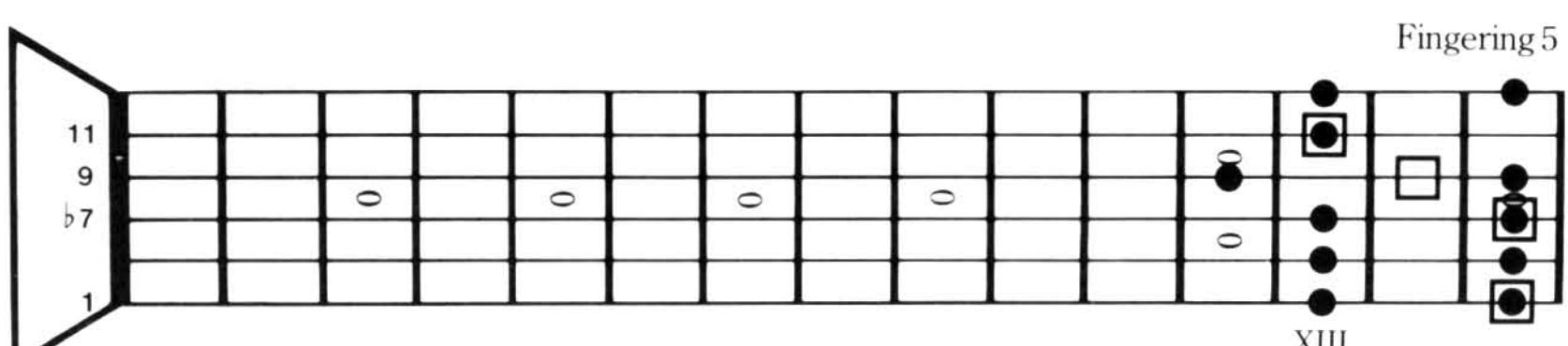
Fingering 2



Fingering 3



Fingering 4



Fingering 5

## G Wholitone scale over G7#5 chord

G Wholitone							G7#5			
G	A	B	C#	D#	E# (F)	G	G	B	D#	F
1	<th>3</th> <td><th>#5</th><td></td><th>b7</th><td></td><td></td><td></td><td>b7</td></td>	3	<th>#5</th> <td></td> <th>b7</th> <td></td> <td></td> <td></td> <td>b7</td>	#5		b7				b7

Note that because this scale is symmetrical (all whole steps) that there are only two common fingerings.

The image displays five guitar neck diagrams, each showing a different fingering for a G Wholitone scale over a G7#5 chord. The necks are oriented vertically, with the headstock on the left and the body on the right. The strings are numbered 1 (thinnest) to 6 (thickest). Fret numbers are indicated on the left side of each neck. The diagrams are labeled as follows:

- Fingering 1:** Starting at fret 1 on string 6, it shows a sequence of notes: open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open.
- Fingering 2:** Starting at fret 3 on string 6, it shows a sequence of notes: open, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open.
- Fingering 3:** Starting at fret 1 on string 6, it shows a sequence of notes: open, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open.
- Fingering 4:** Starting at fret 3 on string 6, it shows a sequence of notes: open, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open.
- Fingering 5:** Starting at fret 1 on string 6, it shows a sequence of notes: open, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open, 3, b7, 1, open.

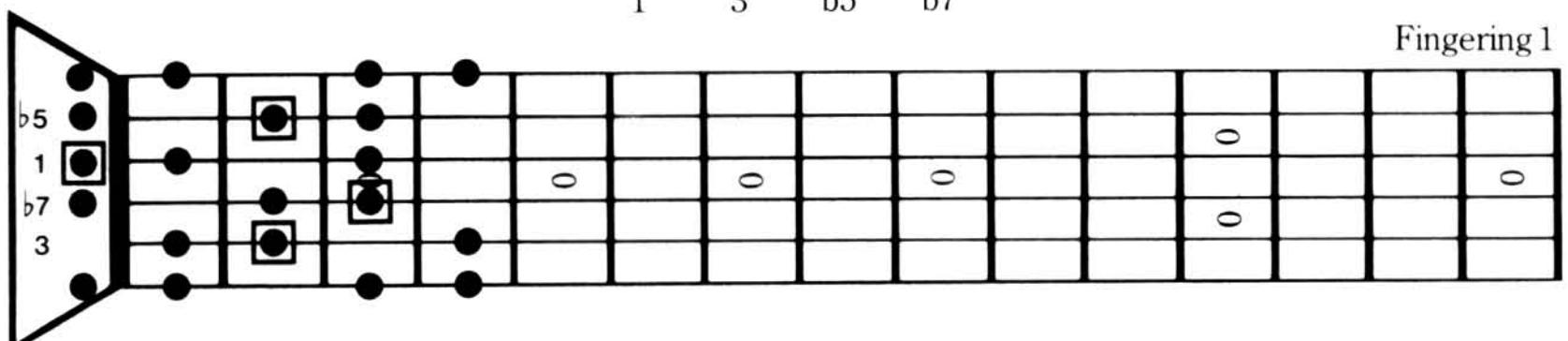
Each diagram also includes a vertical scale degree indicator on the far left (e.g., #5, 3, b7, 1) and a Roman numeral indicator (e.g., V, VII, IX, XI) near the bottom of the neck.

## Ab Diminished scale over G7b5 chord

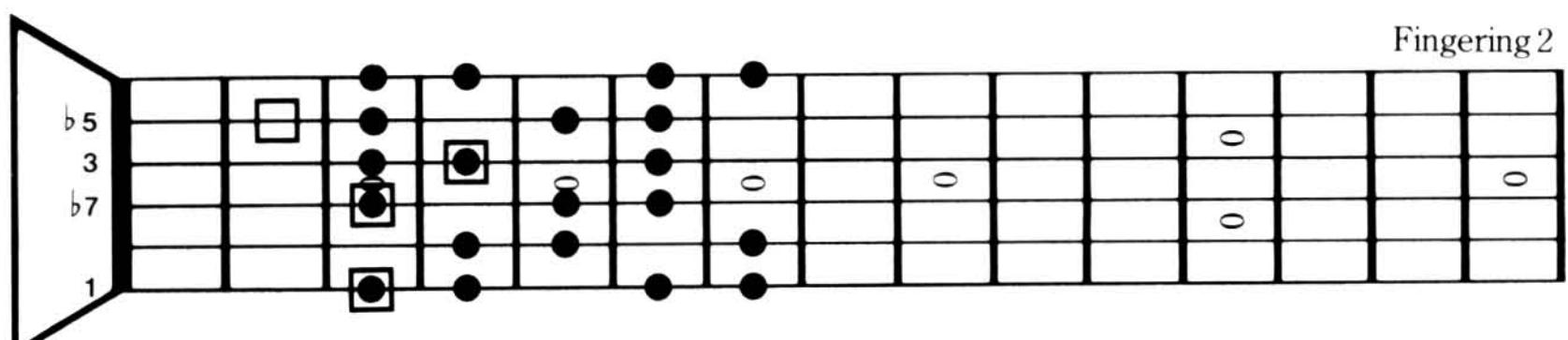
### Ab Diminished

Ab    Bb    B    C#    D    E    F    G    Ab

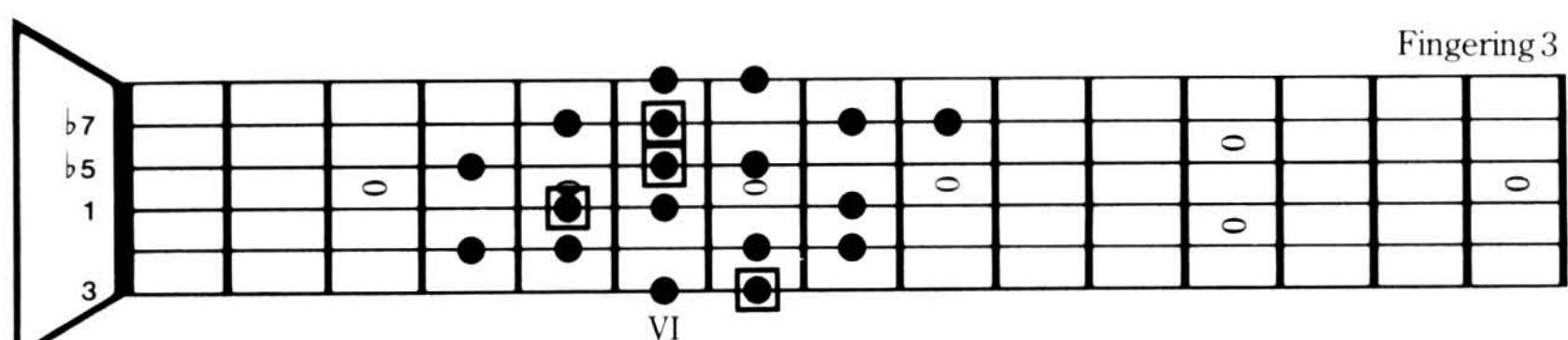
## G7b5



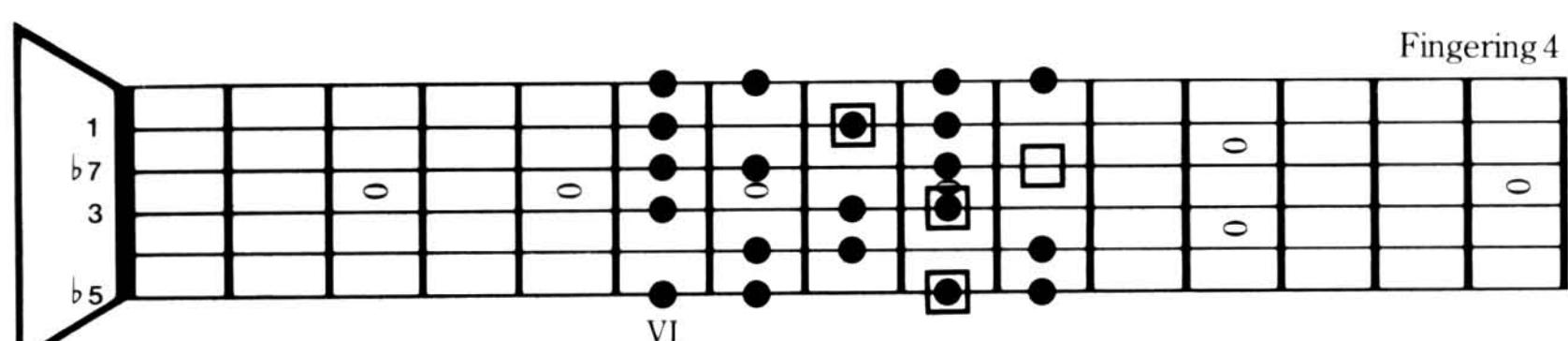
## Fingering 1



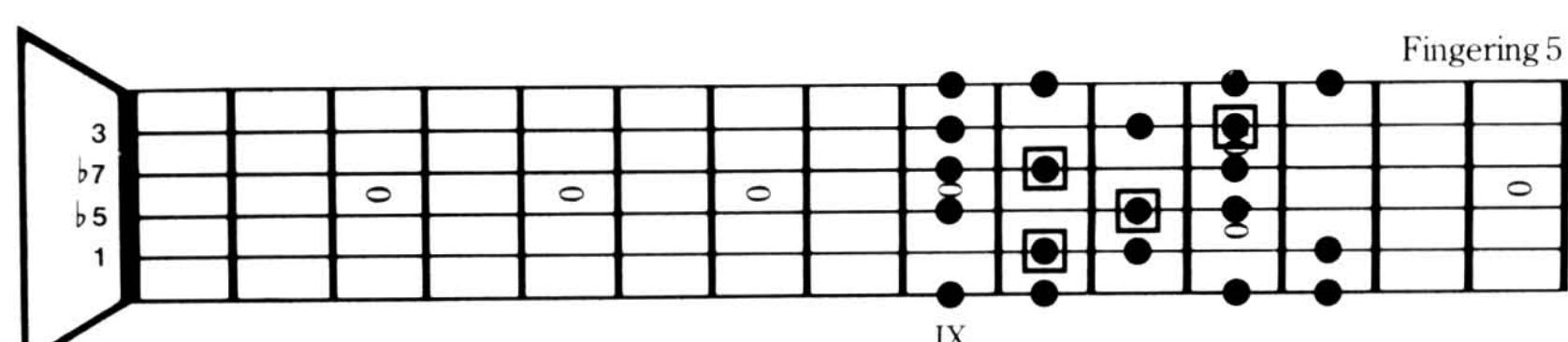
## Fingering 2



### Fingering 3



Fingering 4

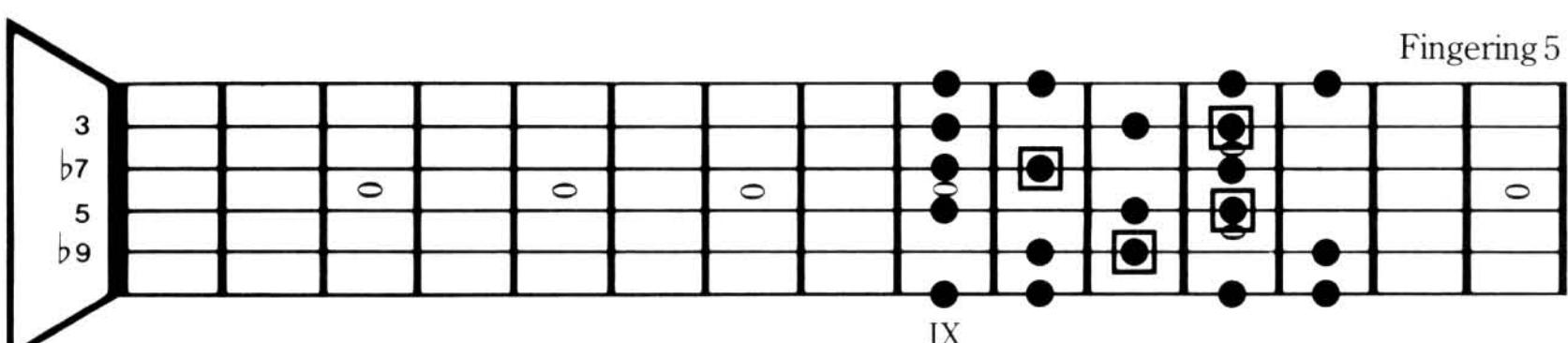
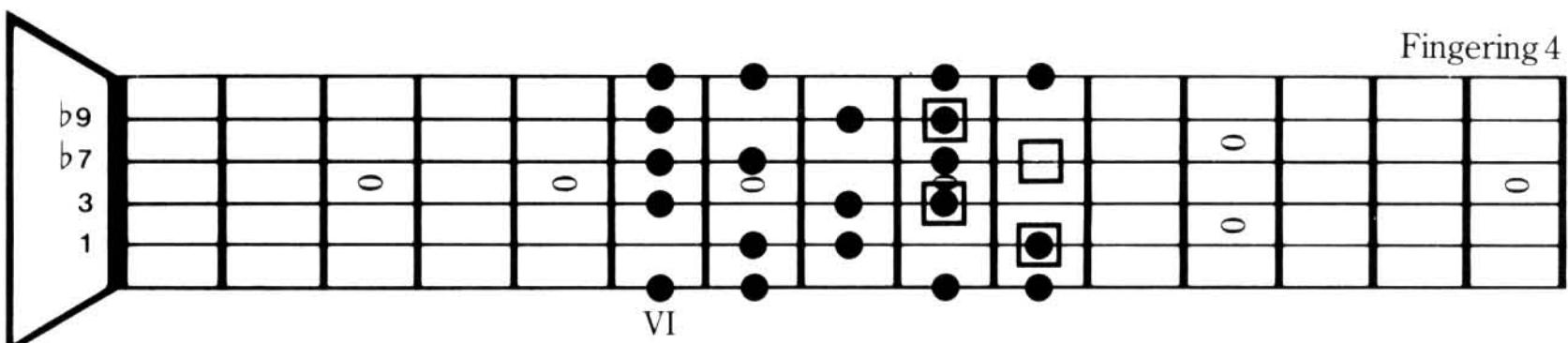
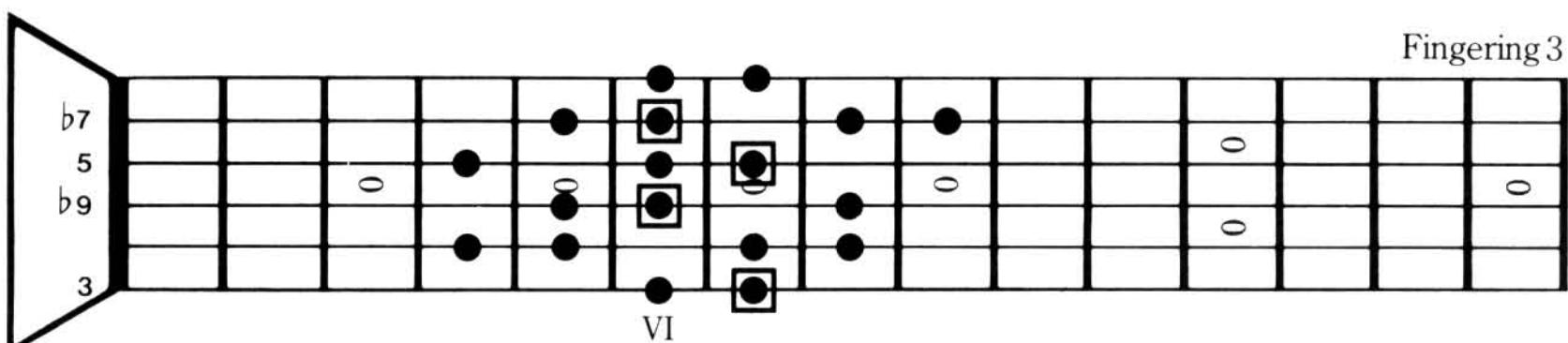
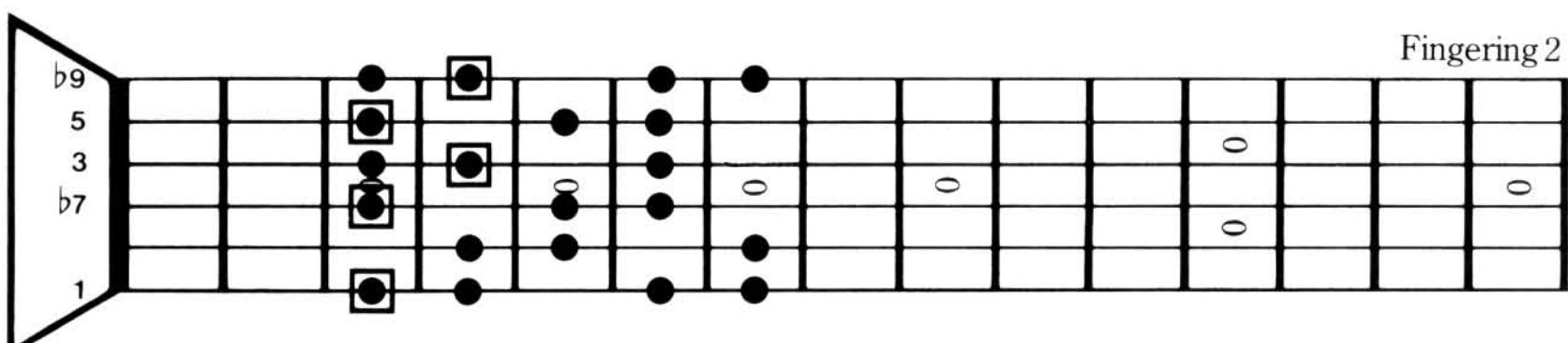
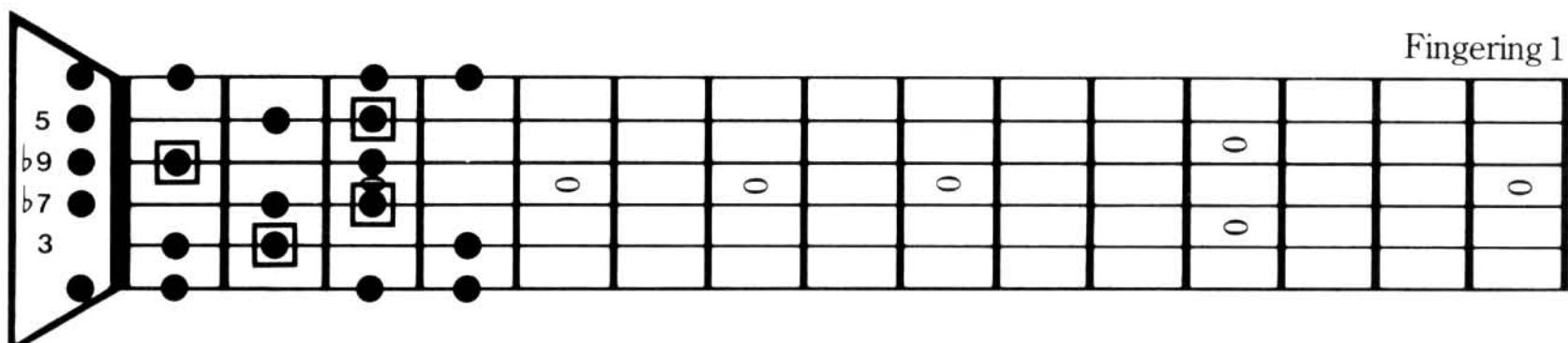


## Fingering 5

## Ab Diminished scale over G7b9 chord

Ab Diminished								G7b9					
Ab	Bb	B	C#	D	E	F	G	Ab	G	B	D	F	Ab
									1	3	5	b7	b9

Notice that this chord form is basically just an Ab diminished seventh chord with G as the bass note.



## A Major scale over Dmaj7b5 chord

A Major

A	B	C#	D	E	F#	G#	A
---	---	----	---	---	----	----	---

Dmaj7b5

D	F#	Ab	C#
1	3	b5	7

Fingering 1

Fingering 2

Fingering 3

Fingering 4

Fingering 5

IV

VII

IX

XII

## F# Harmonic minor scale over Dmaj7b5 chord

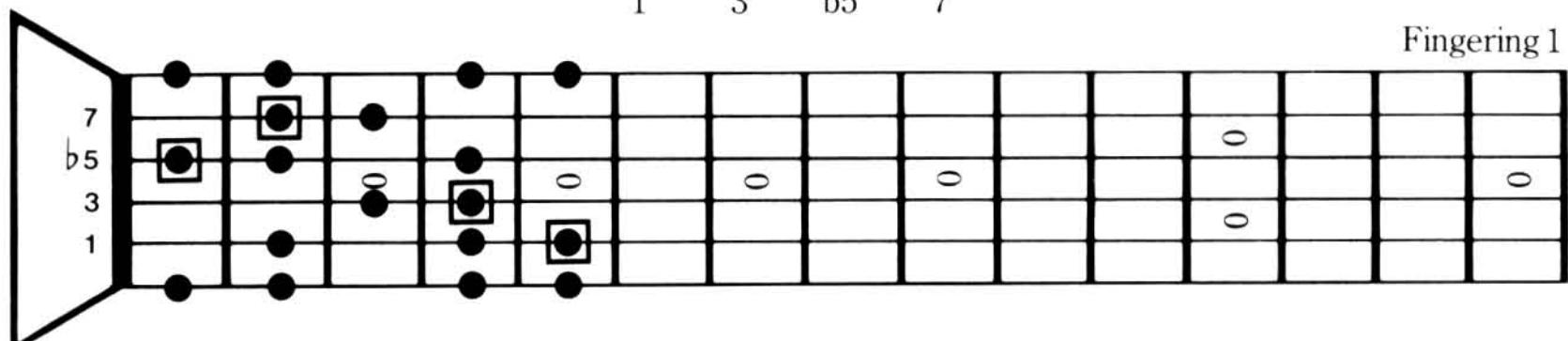
F# Harmonic minor

F# G# A B C# D E# F#

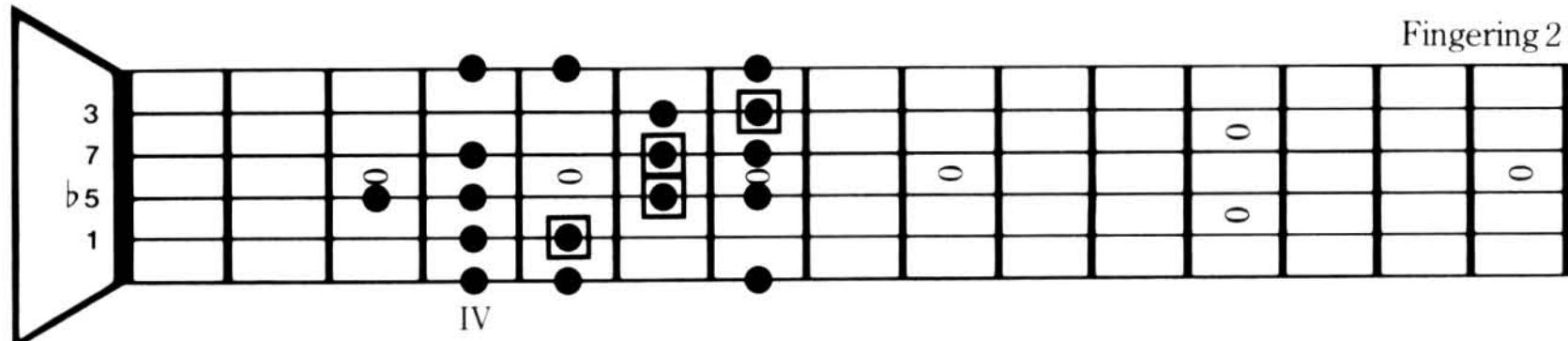
Dmaj7b5

D F# Ab C#  
1 3 b5 7

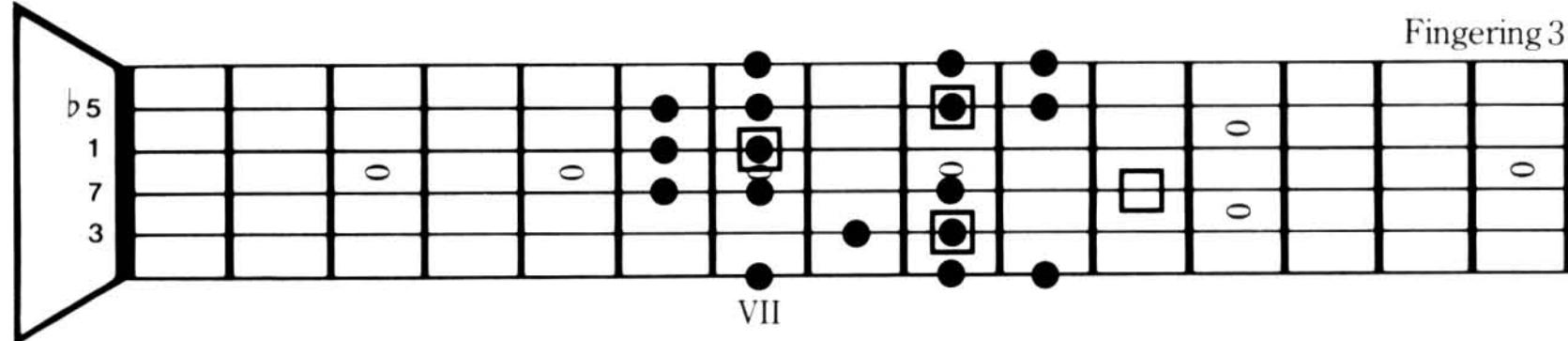
Fingering 1



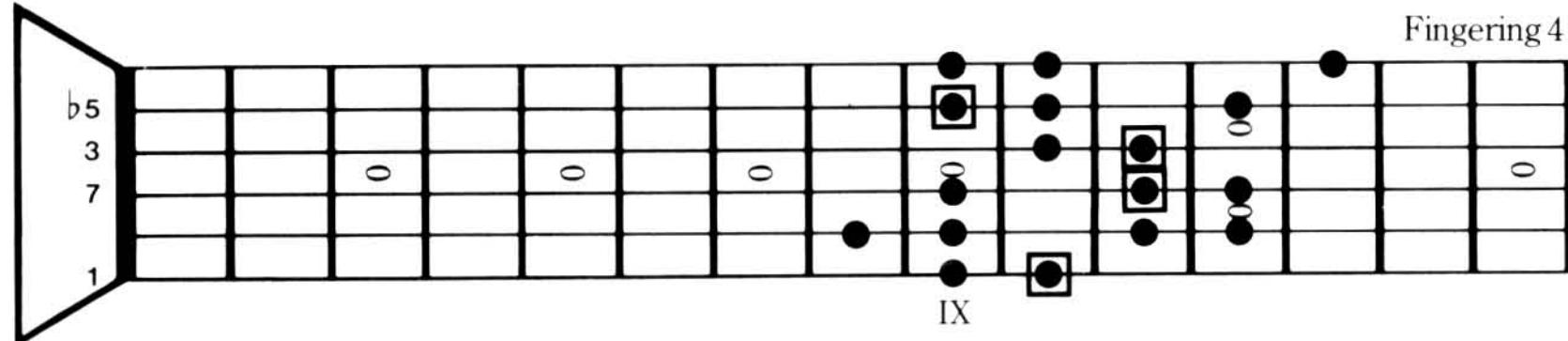
Fingering 2



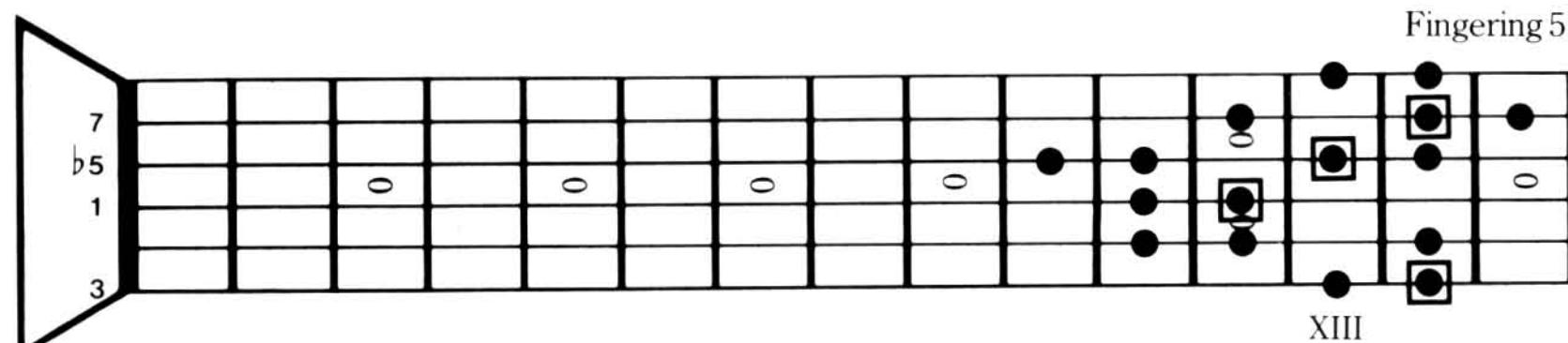
Fingering 3



Fingering 4



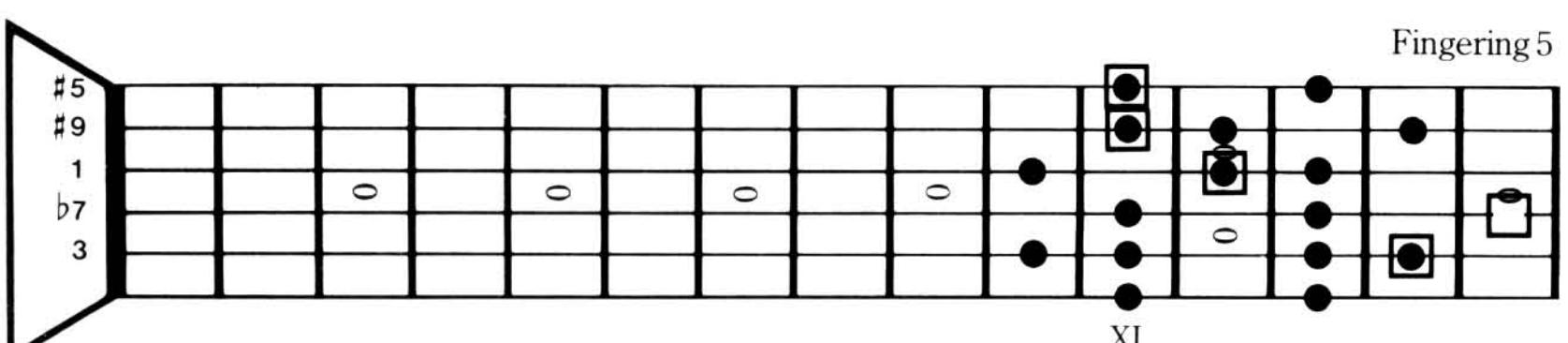
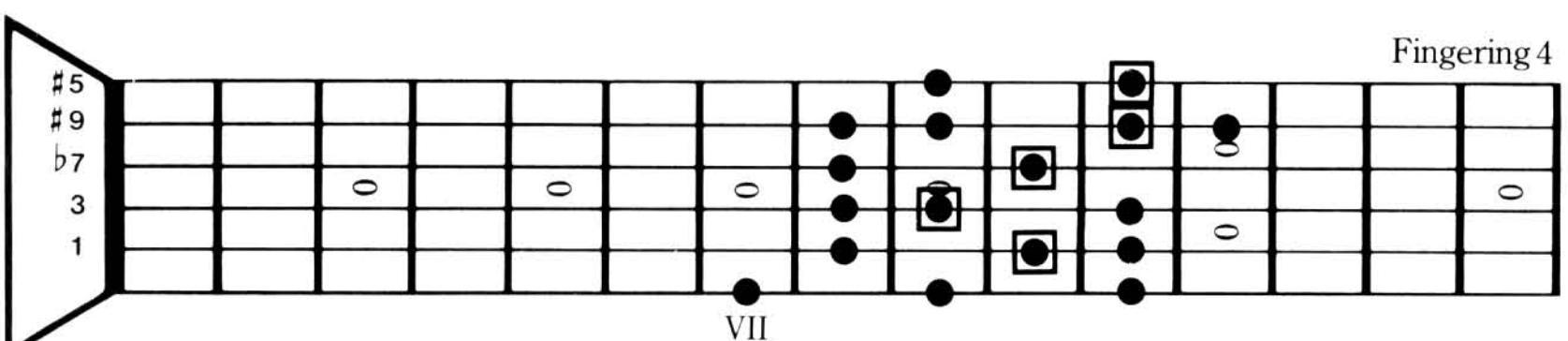
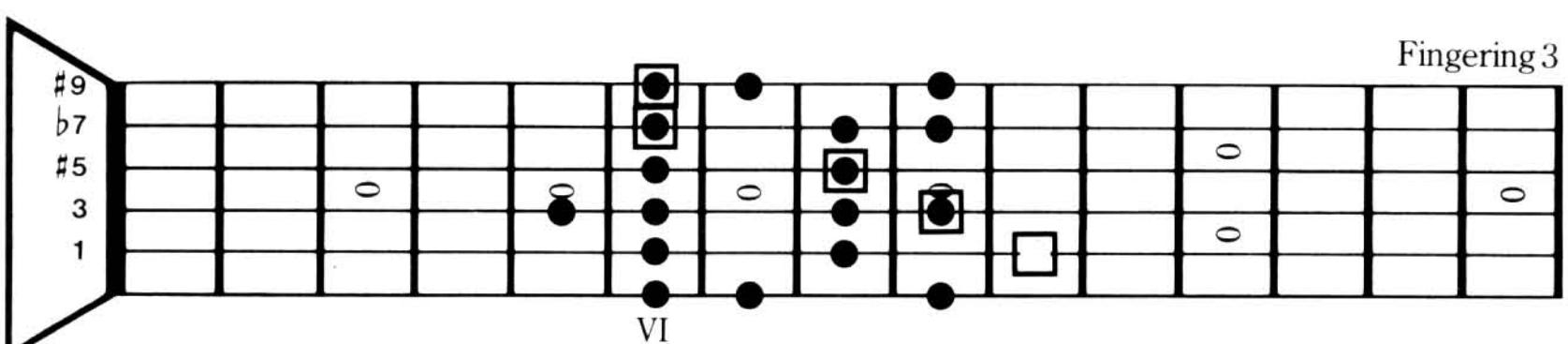
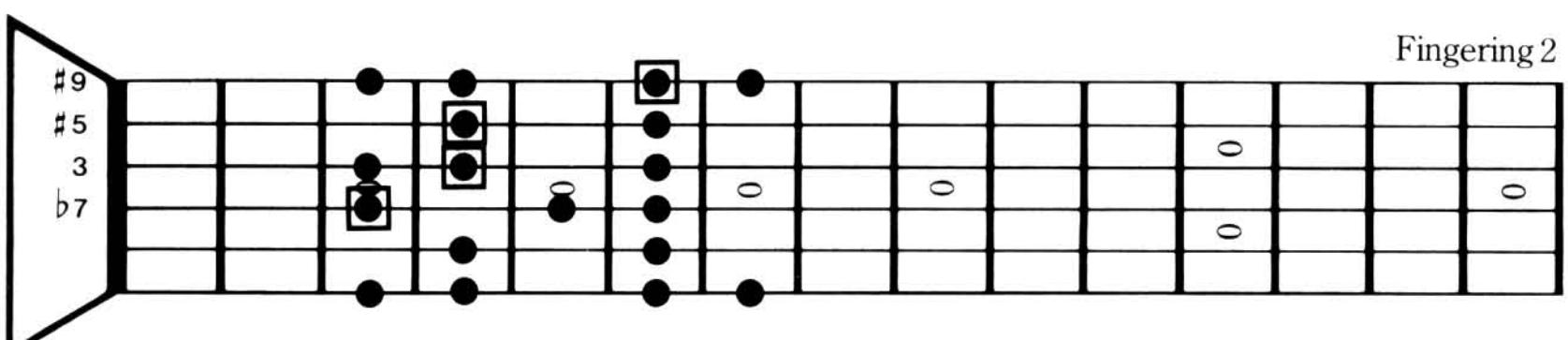
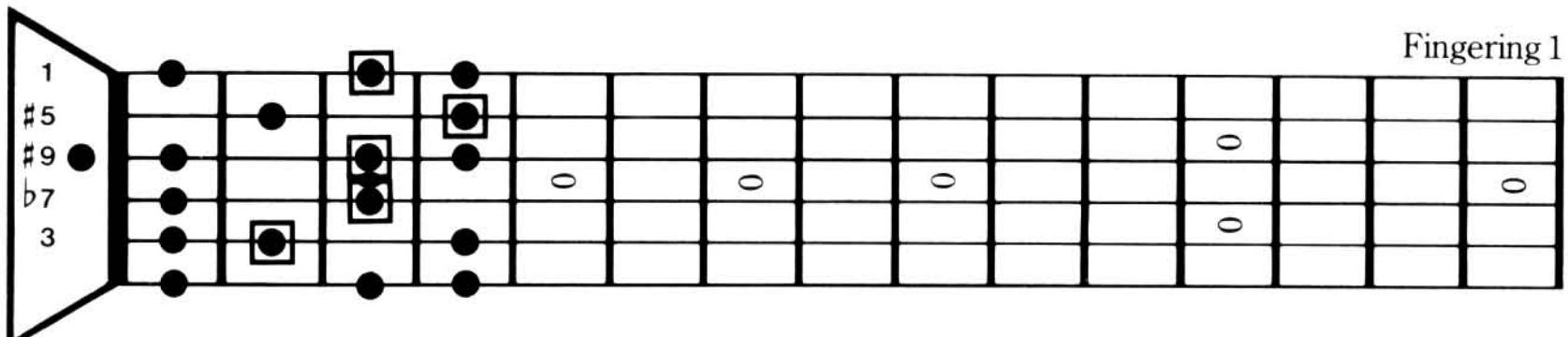
Fingering 5



## Ab Melodic minor scale over G7#5#9 chord

Ab Melodic minor								G7#5#9				
Ab	Bb	Cb	Db	Eb	F	G	Ab	G	B	D#	F	A#
								1	3	#5	b7	#9

Although the Ab Melodic minor scale is shown against a G7#5#9 chord, this scale works fine over any altered G7 chord.



## D Melodic minor scale over G9b5 chord

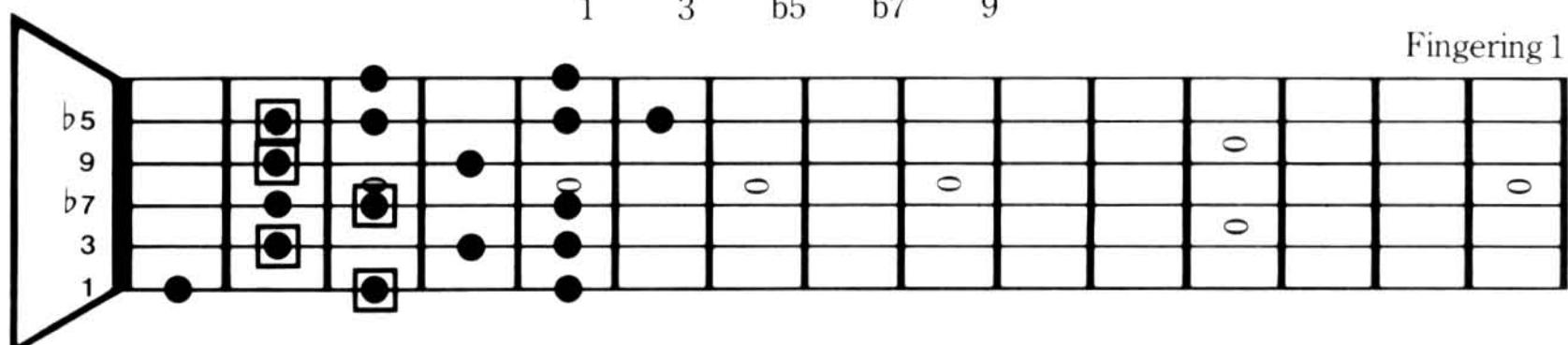
D Melodic minor

D E F G A B C# D

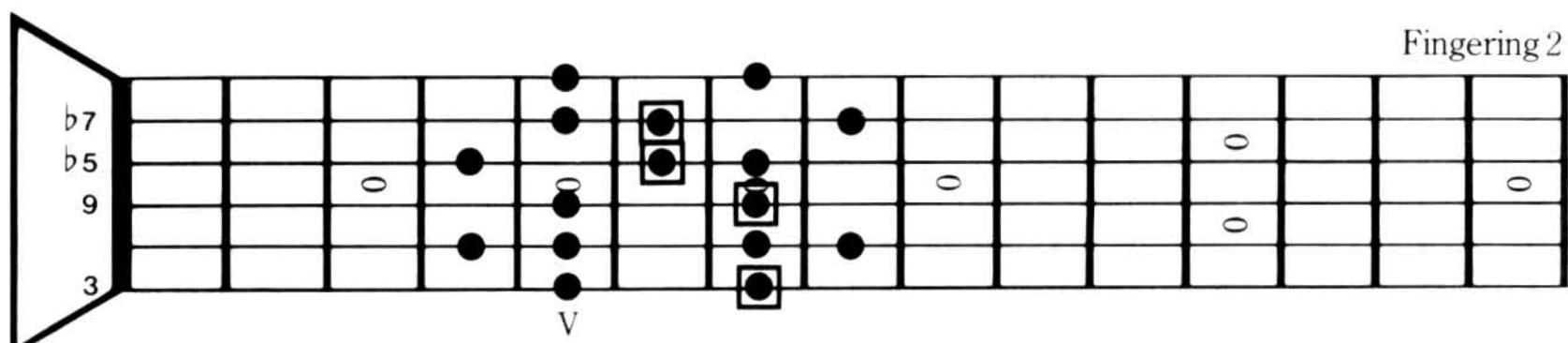
G9b5

G B Db F A  
1 3 b5 b7 9

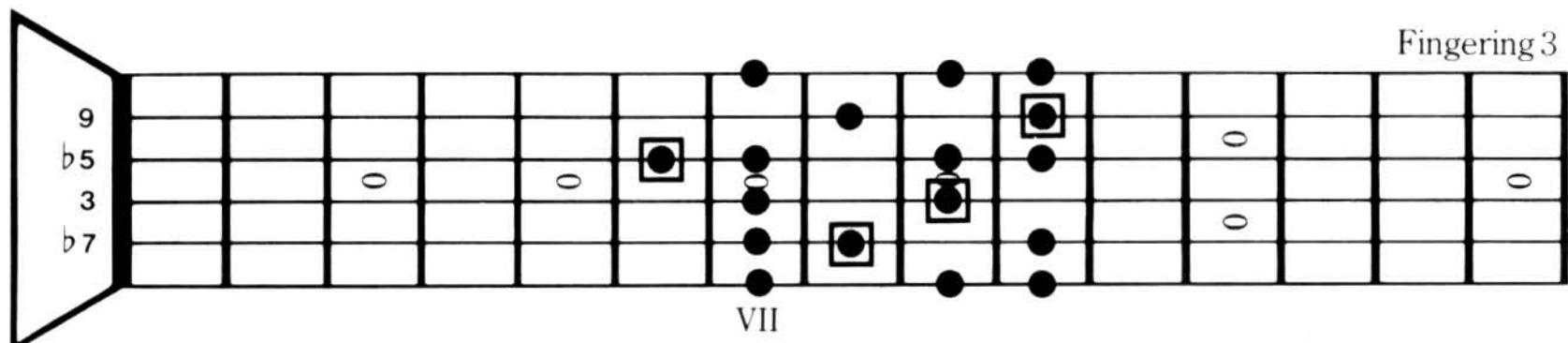
Fingering 1



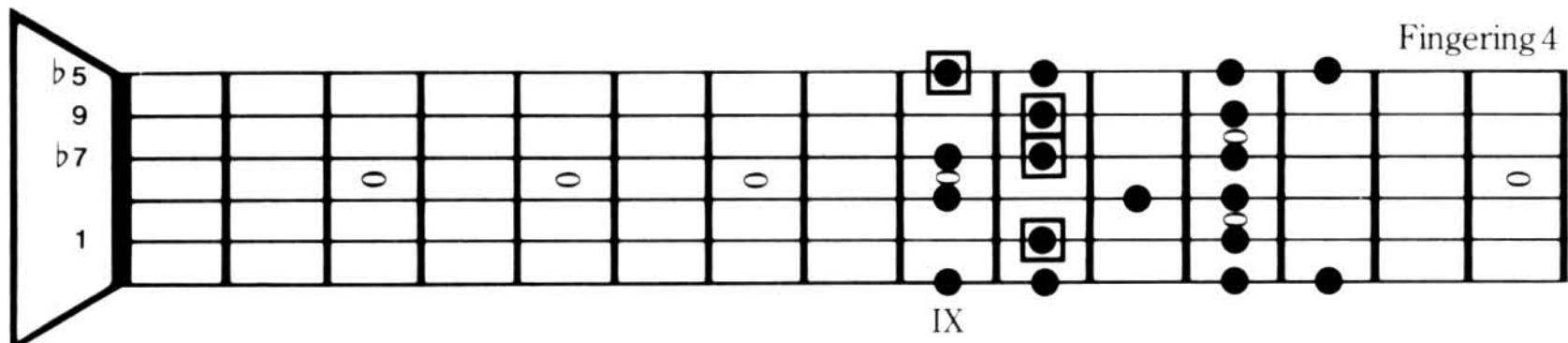
Fingering 2



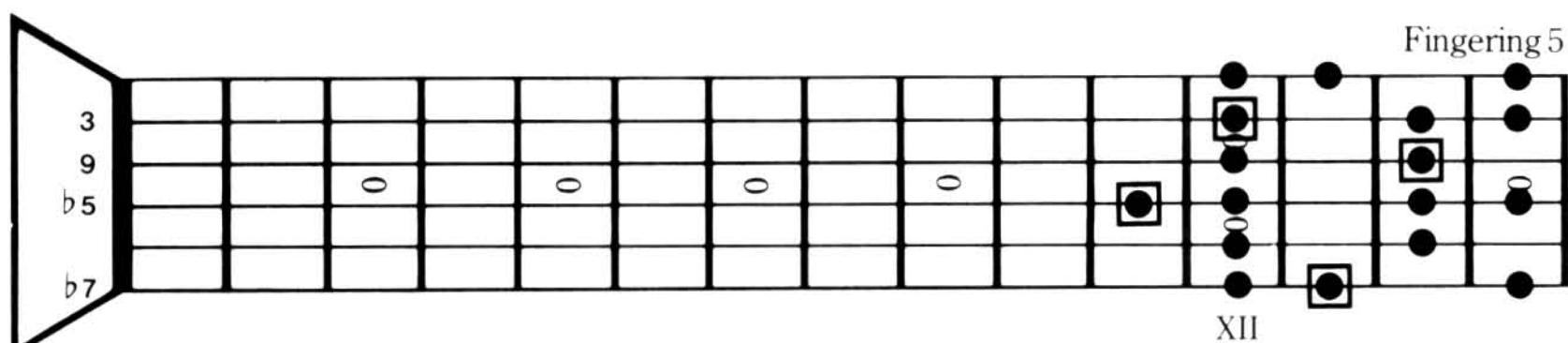
Fingering 3



Fingering 4



Fingering 5



# Coloring Chord Types

## (Altered Dominant 7th Chords)

Below are 12 different altered G7 chords. Under each chord name are scale possibilities that match each chord type. You may find through experimentation that many of these scale choices are interchangeable and work well over any of the 12 altered G7 chords. Decide for yourself which scales you like best!

<b>G7#5</b> G Whole Tone C Harmonic minor Ab Melodic minor	<b>G7b5</b> Ab Diminished D Melodic minor G Whole Tone	<b>G7#9</b> Bb Pentatonic Ab Diminished Ab Melodic minor
<b>G7b9</b> Ab Diminished C Harmonic minor F Melodic minor	<b>G7#5#9</b> Ab Melodic minor	<b>G7b5b9</b> Ab Diminished Ab Melodic minor
<b>G7#5b9</b> C Harmonic minor Ab Melodic minor	<b>G7b5#9</b> Ab Melodic minor Ab Diminished	<b>G9b5</b> D Melodic minor D Harmonic minor G Whole Tone
<b>G9#5</b> C Melodic minor G Whole Tone	<b>G13b5</b> D Melodic minor D Harmonic minor	<b>G13b9</b> Ab Diminished F Melodic minor

## Note From The Author

*The objective in writing this book was to set it up in such a way that one will not only know scales when done with this book, but will see and hear exactly how they apply to specific chord types in relation to the entire fingerboard. A qualified guitar teacher can help you go over this information and help you to incorporate the ideas on these pages into song. I sincerely hope that this approach has made the task of learning scales easier and more enjoyable!*

Dave Eastlee