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Volume 2

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TECHNIQUE OF THE SAXOPHONE

Chord Studies

Learn Melody, Harmony, Rhythm, and Improvisation Techniques

Joseph Viola

VOLUME 2



29-12-39

**THE TECHNIQUE OF
THE SAXOPHONE**

PART II

Chord Studies

by

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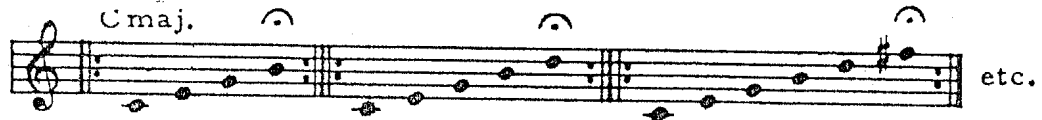
AUTHOR'S NOTES

To derive the most benefit from the exercises in this book it is important that the following practice procedure be followed with each new chord covered in Section I.

A. Preparatory Exercises

- (1) Play the basic chord (1, 3, 5, or 1, 3, 5, 7) several times until the tonality is firmly fixed in your ear.

- (2) Add high degrees one at a time. Try to hear the relationship of each tension to the basic chord.



- (3) Where altered tensions are indicated, relate each altered form to the basic chord.



B. Exercises employing chord tones and auxiliary tones. (Exercises 1, 2 and 3 of each chord.)

- (1) Listen for the resolution of each auxiliary tone as it moves into the basic chord tone.
- (2) After repeating each exercise several times, play it without looking at the music. Concentrate on remembering the chord tones and let your ear assist you in finding the proper auxiliary tones.

C. Exercises employing low degree chord tones, high degree chord tones and auxiliary tones. (Exercises 4 and 5 of each chord.)

- (1) Be aware of the tonality of the basic chord at all times. If the tonality seems vague, stop and play the basic chord several times before repeating the exercise.

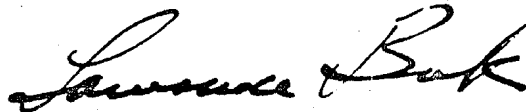
PREFACE

This volume presents a compilation of materials developed for his students by Joe Viola.

The underlying purpose for this volume is to fill the gap in existing instructional literature for saxophone - a method to develop "aural - visual - manual" coordination in chordal concepts. The student simultaneously develops aural awareness, visual familiarity and manual dexterity with chords, their auxiliaries and their high degrees.

Important to the student is the fact that these are not simply technical exercises transcribed for saxophone; they are exercises developed specifically for the instrument, employing natural fingerings and phrasings. Familiarity with these melodic patterns creates a reservoir of improvisational devices to be drawn on, consciously or subconsciously, in spontaneous performance.

The student will find that a conscientious study of this Volume and Volume I will gain him a practical working knowledge of chords while he develops superior technical fluency on his instrument.



LAWRENCE BERK, Executive Director
Berklee School of Music

(2) Experiment with various articulations. Suggested variations are indicated below.

The image displays a musical exercise consisting of eight staves of music. The first four staves are in treble clef, and the last four are in bass clef. The music is written in a key with one flat (B-flat major or D minor) and a common time signature. The exercise is divided into four measures, each with a specific articulation indicated by a 'v' symbol above the notes. The first measure is marked with a 'v' above the first note. The second measure is marked with a 'v' above the first note and a 'v' below the second note. The third measure is marked with a 'v' above the first note and a 'v' below the second note. The fourth measure is marked with a 'v' above the first note and a 'v' below the second note. The music features a variety of note values, including quarter, eighth, and sixteenth notes, and rests. The exercise is designed to explore different articulation techniques such as accents, staccato, and slurs.

Even where not theoretically required, accidentals have been repeated to assure an awareness of the proper note.

All of the exercises may (and should) be played at different tempos and with variations in phrasing and interpretation.

The augmented chord has not been included since it is considered to be an altered form of the dominant seventh.

J.V.

SECTION I

Studies on Chord Structures

C major

C Major

1 8 5 Maj 7 9 #11 13(6)

1

2

3

Exercise 3, measures 1-4. Treble clef, common time signature. Key signature: one sharp (F#). The melody consists of eighth notes with triplets indicated by a '3' and a slur. The bass line consists of quarter notes with triplets. The exercise ends with a double bar line.

4

Exercise 4, measures 1-4. Treble clef, common time signature. Key signature: one flat (Bb). The melody consists of eighth notes with slurs. The bass line consists of quarter notes with slurs. The exercise ends with a double bar line.

5

Exercise 5, measures 1-4. Treble clef, common time signature. Key signature: one sharp (F#). The melody consists of eighth notes with slurs. The bass line consists of quarter notes with slurs. The exercise ends with a double bar line.

C minor

1 \flat 3 5 Maj7 9 13(6)

C Minor

1 C mi

2 C mi

3 C mi

4

Cmi

5

Cmi

C seventh

1 3 5 b7 b9 9 #9 11 #11 b13 13

C Dominant 7

1

C7

2 *C*₇

3 *C*₇

4 *C*₇

5 *C*₇

4

Cmi7

5

Cmi7

C minor seventh (flat five)

C Minor 7 (b5)

1 b3 b5 b7 b9 9 11 b13

1

Cm7(b5)

2 Cm7(b5)

3 Cm7(b5)

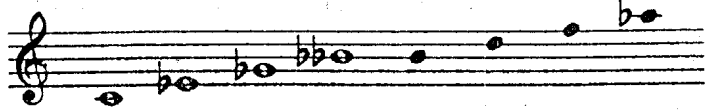
4 Cmi b5

5 Cmi b5

C diminished seventh

C Diminished 7th

1 $\flat 3$ $\flat 5$ $\flat\flat 7$ $\overset{\text{Maj}}{7}$ 9 11 $\flat 13$



4 $C^{\circ}7$

5 $C^{\circ}7$

4

5

F minor

1 \flat 3 5 Maj 7 9 13(6)

F Minor

1

F mi

2

F mi

3

F mi

4

F mi

5

F mi

F seventh

1 3 5 b_7 b_9 9 9^+ 11 11^+ b_{13} 13

F Dominant 7



4

5

F minor seventh

1 \flat_3 5 \flat_7 9 11

F Minor 7

1

2

Fmi7

3

Fmi7

4

Fmi7

5

Fmi7

F minor seventh (flat five)

1 b3 b5 b7 b9 9 11 b13

F Minor 7 (b5)

1

2

3

4 $Fm_7(b5)$

5 $Fm_7(b5)$

F diminished seventh

1 $b3$ $b5$ $bb7$ Maj 7 9 11 $b13$

F Diminished 7th

1 $F^{\circ}7$

2 $F^{\circ}7$

3 $F^{\circ}7$

4 $F^{\circ}7$

5 $F^{\circ}7$

G major

1 3 5 Maj 7 9 #11 13(6)

G Major

1

2

3

4

Exercise 4: G major. Three staves of music. The first staff starts with a treble clef, a common time signature, and a 'G' above the staff. The music consists of eighth and sixteenth notes, some beamed together, with various accidentals (sharps and naturals).

5

Exercise 5: G major. Three staves of music. The first staff starts with a treble clef, a common time signature, and a 'G' above the staff. The music consists of eighth and sixteenth notes, some beamed together, with various accidentals (sharps and naturals).

G minor

1 \flat 3 5 Maj 7 9 13(6)

G Minor

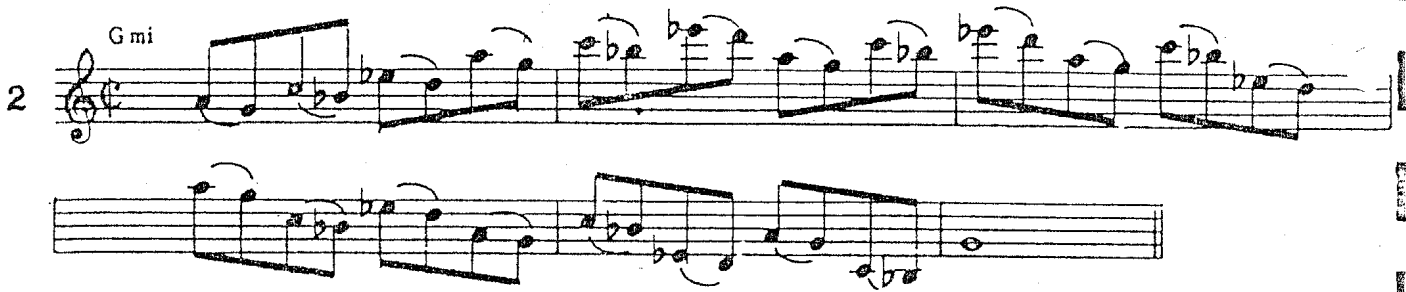
A single staff showing the G minor scale: G, A, B \flat , C, D, E \flat , F. The notes are placed on a five-line staff with a treble clef.

Exercise 6: G minor. One staff of music. The notes are G, A, B \flat , C, D, E \flat , F, G, with accidentals indicating the minor mode.

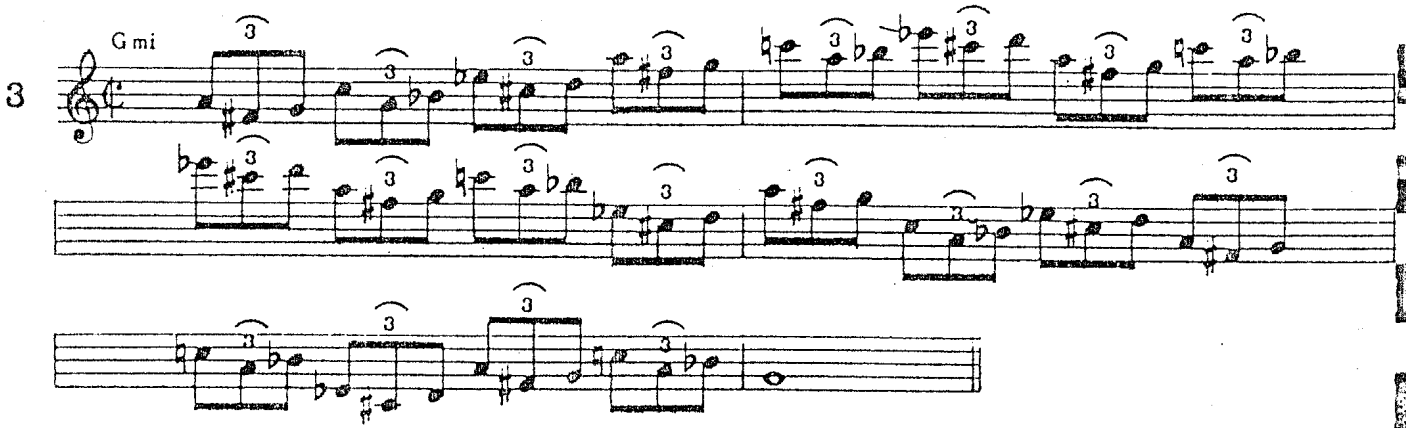
1

Exercise 7: G minor. Two staves of music. The first staff starts with a treble clef, a common time signature, and a 'G mi' above the staff. The music consists of eighth and sixteenth notes, some beamed together, with various accidentals (sharps, flats, and naturals).

2 Gmi



3 Gmi



4 Gmi



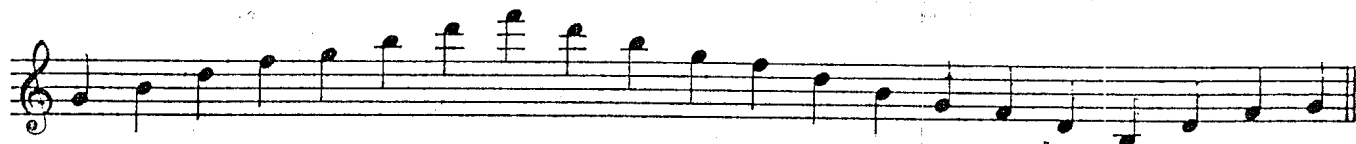
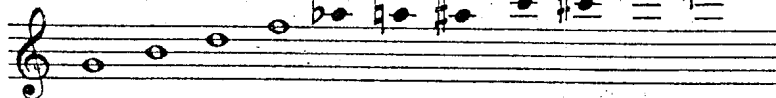
5 Gmi



G seventh

1 3 5 $b7$ $b9$ 9 9^+ 11 11^+ $b13$ 13

G Dominant 7



4

5

G minor seventh

1 \flat_3 5 \flat_7 9 11

G Minor 7

1

2

Gmi7

3

Gmi7

4

Gmi7

5

Gmi7

4

Gmi7^{b5}

5

Gmi7^{b5}

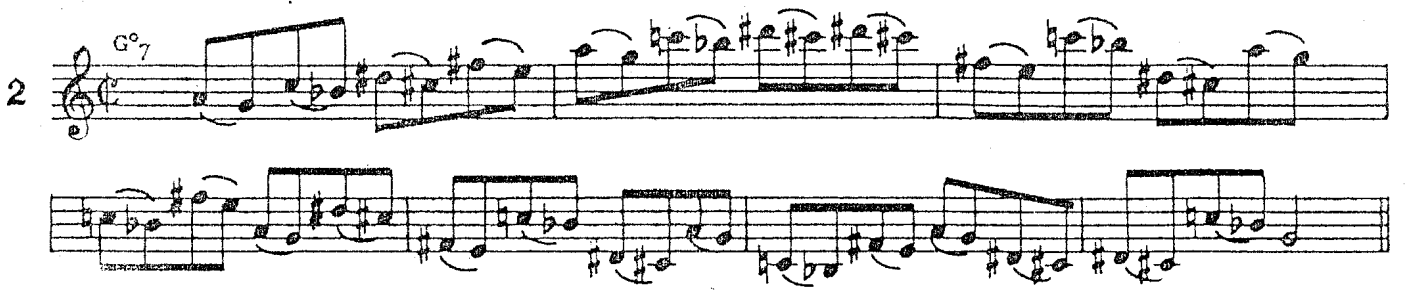
G diminished seventh

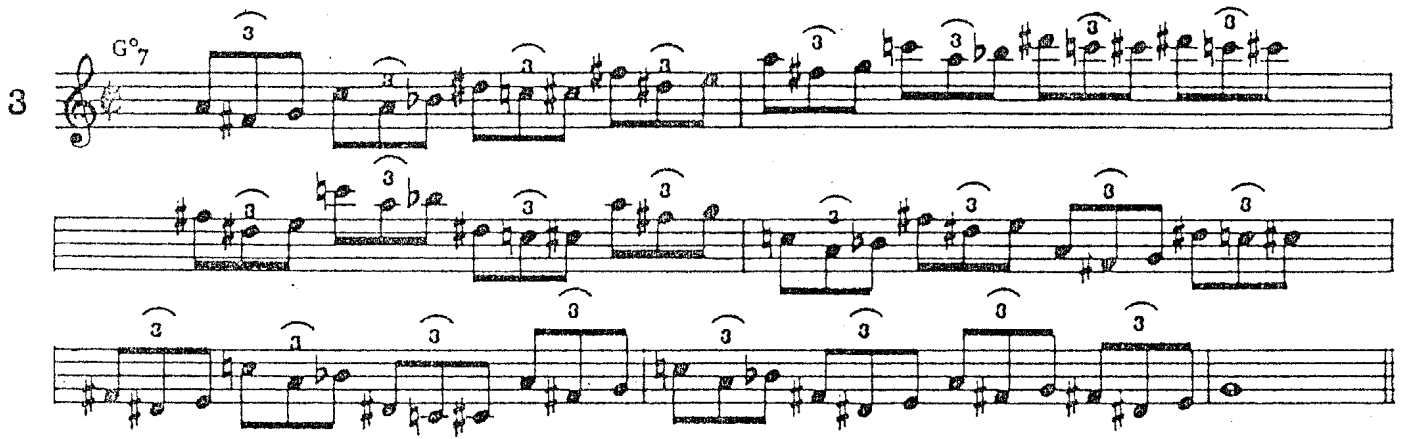
1 b3 b5 bb7 Maj 7 9 11 b13

G Diminished 7th

1

G°7

2 

3 

4 

5 

Bb major

Bb Major 1 3 5 Maj 7 9 #11 13(6)

1

2

3

4

5

Bb minor

Bb Minor

1 b3 5 Maj 7 9 13(6)

1

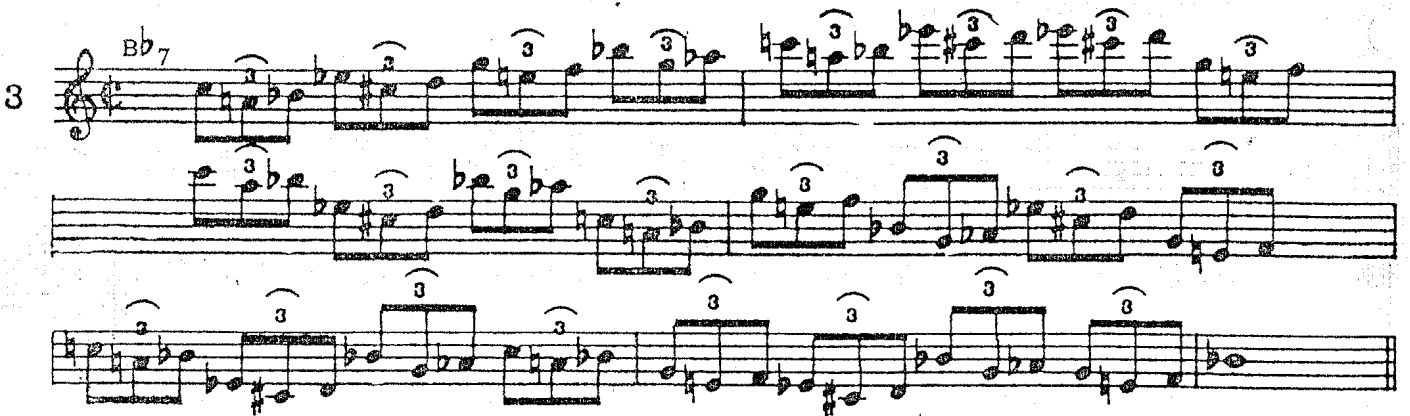
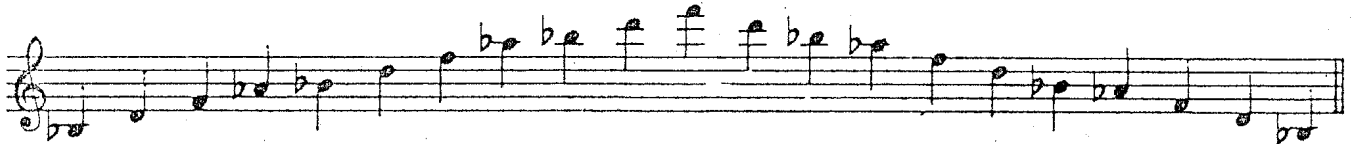
Bb mi

2 *Bb mi*

Bb seventh

1 3 5 b_7 b_9 9 9 $^{\#}$ 11 11 $^{\#}$ b_{13} 13

Bb Dominant 7



4

5

Bb minor seventh

Bb Minor 7

1 b3 5 b7 9 11

1

2

B \flat mi7

B \flat mi7

4

B \flat mi7

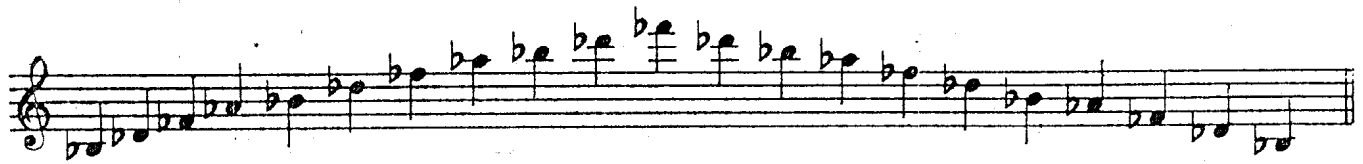
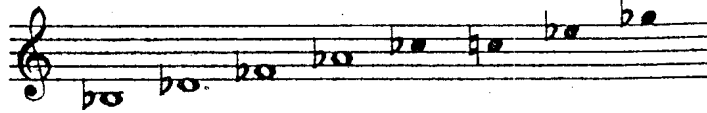
5

B \flat mi7

Bb minor seventh (flat five)

1 $\flat 3$ $\flat 5$ $\flat 7$ $\flat 9$ 9 11 $\flat 13$

Bb Minor 7 ($\flat 5$)



1 Bb m7 ($\flat 5$)



2 Bb m7 ($\flat 5$)



3 Bb m7 ($\flat 5$)



4 $Bb_{mi7}(b5)$

5 $Bb_{mi7}(b5)$

Bb diminished seventh

Bb Diminished 7th

1 $b3$ $b5$ $bb7$ Maj 7 9 11 $b13$

1 Bb_7

2 $B\flat_7$

3 $B\flat_7$

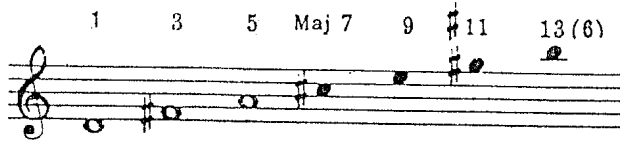
4 $B\flat_7$ b_2

5 $B\flat_7$

D major

D Major

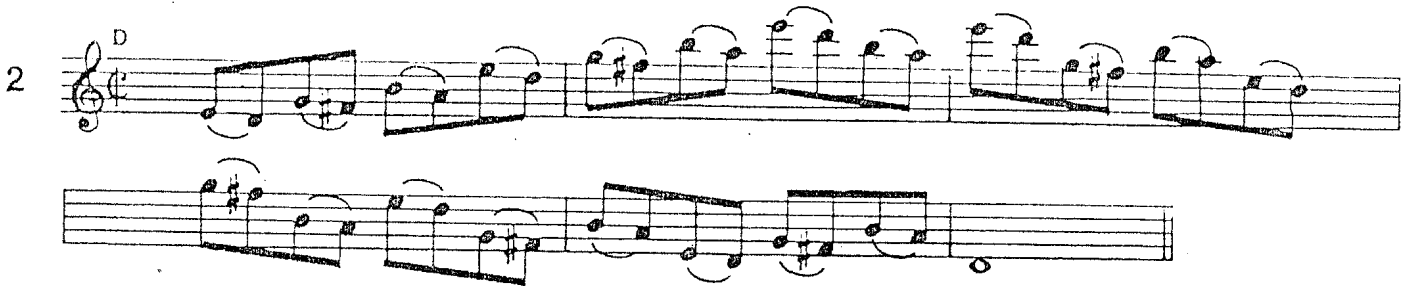
1 3 5 Maj 7 9 #11 13(6)



1



2



3



4

5

D minor

1 \flat 3 5 Maj 7 9 13(6)

D Minor

1

Dmi

2

Dmi

3

Dmi

4

Dmi

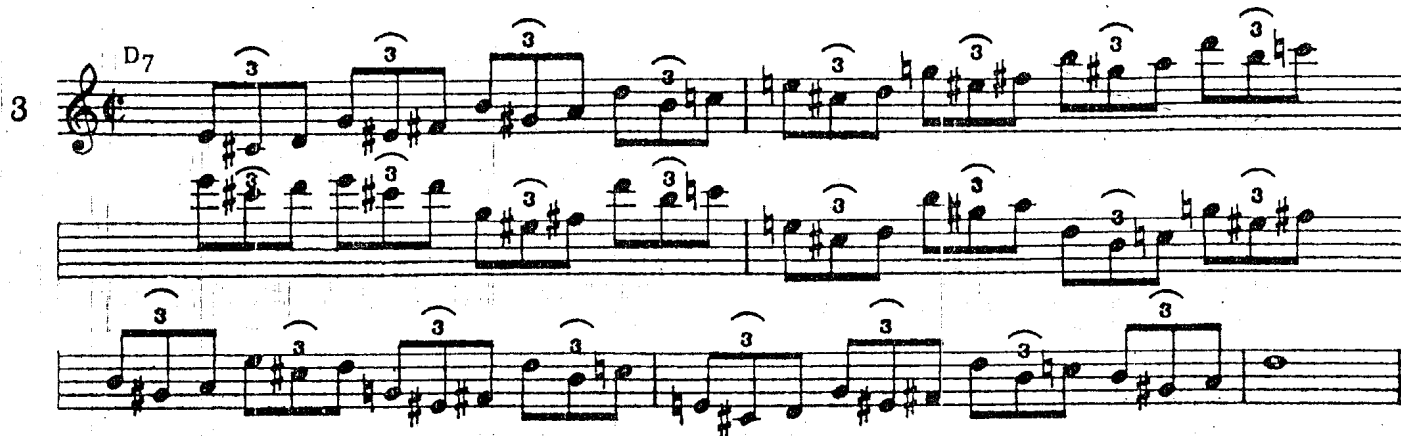
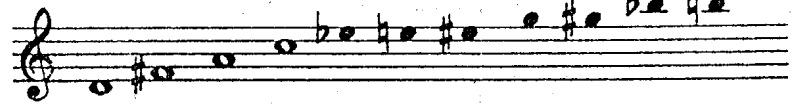
5

Dmi

D seventh

1 3 5 b_7 b_9 9 9⁺ 11 11⁺ b_{13} 13

D Dominant 7



2

Dmi7

3

Dmi7

4

Dmi7

5

Dmi7

D minor seventh (flat five)

D Minor 7 (b5) 1 b3 b5 b7 b9 9 11 b13

A single staff of music in treble clef showing the chord structure for D Minor 7 (b5). The notes are D, F, A-flat, C, E-flat, G, and B-flat. The notes are written as quarter notes on a five-line staff.

A single staff of music in treble clef showing the D minor seventh (flat five) scale. The notes are D, E, F, G, A-flat, B-flat, C, D, E, F, G, A-flat, B-flat, C, D. The notes are written as quarter notes.

1 D mi7 (b5)

Exercise 1: A two-staff musical exercise in treble clef. The top staff is labeled "1 D mi7 (b5)". It contains a sequence of eighth notes with slurs, starting on D and moving up and down the scale. The bottom staff contains a sequence of eighth notes with slurs, starting on D and moving up and down the scale.

2 D mi7 (b5)

Exercise 2: A two-staff musical exercise in treble clef. The top staff is labeled "2 D mi7 (b5)". It contains a sequence of eighth notes with slurs, starting on D and moving up and down the scale. The bottom staff contains a sequence of eighth notes with slurs, starting on D and moving up and down the scale.

3 D mi7 (b5)

Exercise 3: A three-staff musical exercise in treble clef. The top staff is labeled "3 D mi7 (b5)". It contains a sequence of eighth notes with slurs and triplets, starting on D and moving up and down the scale. The middle and bottom staves contain a sequence of eighth notes with slurs and triplets, starting on D and moving up and down the scale.

4

Dmi7^{b5}

5

Dmi7^{b5}

D diminished seventh

D Diminished 7th

1 b3 b5 bb7 Maj 7 9 11 b13

1

D^o7

2

Musical notation for exercise 2, measures 1-4. Treble clef, D°7 chord, eighth notes.

3

Musical notation for exercise 3, measures 1-4. Treble clef, D°7 chord, triplets.

4

Musical notation for exercise 4, measures 1-4. Treble clef, D°7 chord, eighth notes with flats.

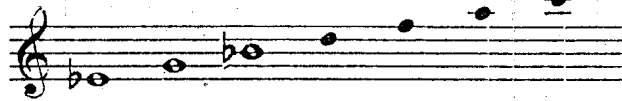
5

Musical notation for exercise 5, measures 1-4. Treble clef, D°7 chord, eighth notes with flats and sharps.

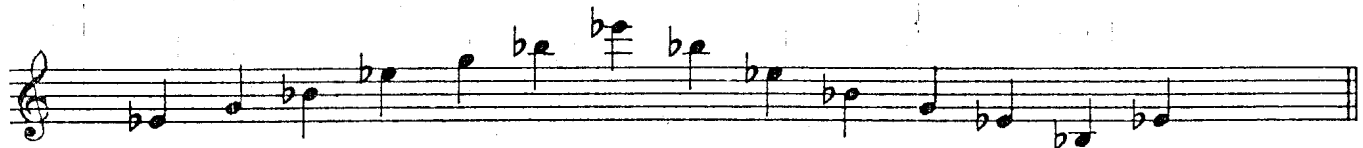
Eb major

1 3 5 Maj 7 9 #11 13(6)

E^b Major



A musical staff showing the Eb Major scale in treble clef. The notes are Eb, F, G, Ab, Bb, C, D, Eb, F, G, Ab, Bb, C, D, Eb. The key signature has two flats.



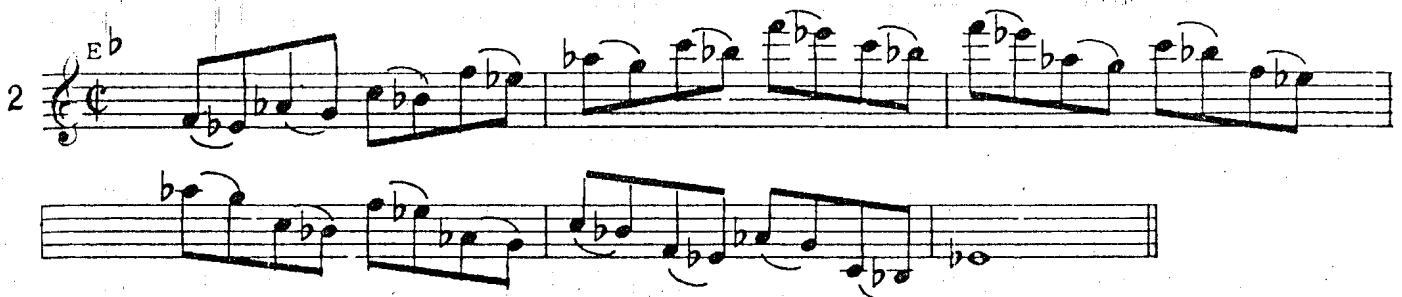
A musical staff showing the Eb Major scale in treble clef. The notes are Eb, F, G, Ab, Bb, C, D, Eb, F, G, Ab, Bb, C, D, Eb. The key signature has two flats.

1



Exercise 1: A musical staff in Eb major with a treble clef. It contains a sequence of eighth notes: Eb, F, G, Ab, Bb, C, D, Eb, F, G, Ab, Bb, C, D, Eb. The notes are grouped into pairs with slurs and ties.

2



Exercise 2: A musical staff in Eb major with a treble clef. It contains a sequence of eighth notes: Eb, F, G, Ab, Bb, C, D, Eb, F, G, Ab, Bb, C, D, Eb. The notes are grouped into pairs with slurs and ties.

3



Exercise 3: A musical staff in Eb major with a treble clef. It contains a sequence of eighth notes: Eb, F, G, Ab, Bb, C, D, Eb, F, G, Ab, Bb, C, D, Eb. The notes are grouped into triplets with slurs and ties.

2

E^b mi

3

E^b mi

4

E^b mi

5

E^b mi

4

Exercise 4: A musical exercise in Eb7. It consists of three staves of music. The first staff begins with a treble clef, a key signature of two flats (Bb, Eb), and a 7-sharp sign (Eb7). The melody is written in eighth and sixteenth notes. The second and third staves provide accompaniment with similar rhythmic patterns.

5

Exercise 5: A musical exercise in Eb7. It consists of three staves of music. The first staff begins with a treble clef, a key signature of two flats (Bb, Eb), and a 7-sharp sign (Eb7). The melody is written in eighth and sixteenth notes. The second and third staves provide accompaniment with similar rhythmic patterns.

Eb minor seventh

Eb Minor 7

1 3 5 7 9 11

Diagram of the Eb Minor 7 chord structure. The notes are: Eb (1), Bb (3), Db (5), Eb (7), Gb (9), Ab (11). The notes are shown on a treble clef staff with their respective scale degrees indicated above.

1

Exercise 1: A musical exercise in Eb mi7. It consists of three staves of music. The first staff begins with a treble clef, a key signature of two flats (Bb, Eb), and a mi7-sharp sign (Eb mi7). The melody is written in eighth and sixteenth notes. The second and third staves provide accompaniment with similar rhythmic patterns.

2

Exercise 2, first system. Treble clef, Eb mi7 chord. The staff contains a sequence of eighth and sixteenth notes with various accidentals (flats and naturals).

3

Exercise 3, first system. Treble clef, Eb mi7 chord. The staff contains eighth notes with triplets indicated by a '3' over a bracket.

4

Exercise 4, first system. Treble clef, Eb mi7 chord. The staff contains eighth notes with various accidentals and some beamed notes.

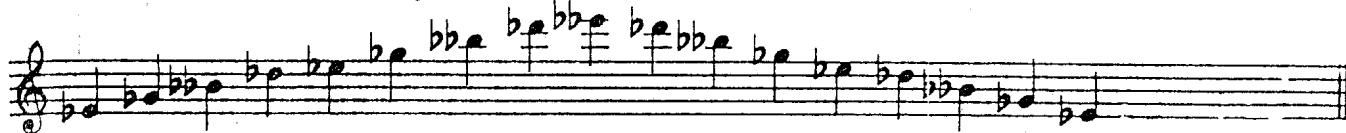
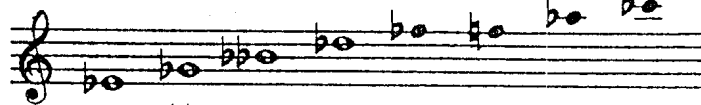
5

Exercise 5, first system. Treble clef, Eb mi7 chord. The staff contains eighth notes with various accidentals and some beamed notes.

E^b minor seventh (flat five)

1 b₃ b₅ b₇ b₉ 9 11 b₁₃

E^b Minor 7 (b5)



E^b m₇ (b5)

1



E^b m₇ (b5)

2



E^b m₇ (b5)

3



4 Ebmi7(b5)

Handwritten musical notation for exercise 4, featuring Ebmi7(b5) chord and various melodic lines on a staff.

5 Ebmi7(b5)

Handwritten musical notation for exercise 5, featuring Ebmi7(b5) chord and various melodic lines on a staff.

Eb diminished seventh

E^b Diminished 7th

1 b3 b5 bb7 Maj 7 9 11 b13

Diagram of Eb Diminished 7th chord structure with notes and accidentals.

Handwritten musical notation for exercise 1, featuring Eb7 chord and various melodic lines on a staff.

1 Eb7

Handwritten musical notation for exercise 1, featuring Eb7 chord and various melodic lines on a staff.

2

3

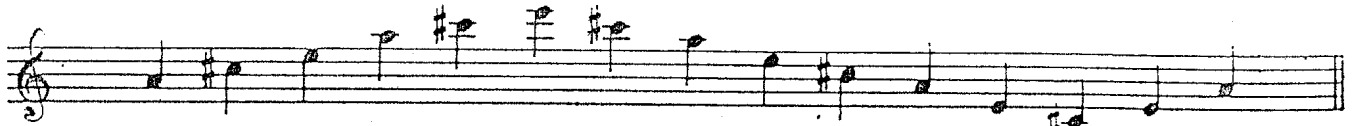

4

5

A major

1 3 5 Maj 7 9 #11 13(6)

A Major



1

A



2

A



3

A



4

A

5

A

A minor

A Minor

1 $\flat 3$ 5 Maj 7 9 13(6)

1

A mi

2 A mi

3 A mi

4 A mi

5 A mi

4

A7

5

A7

A minor seventh

1 $b3$ 5 $b7$ 9 11

A Minor 7

1

Ami7

2 *A mi7*

3 *A mi7*

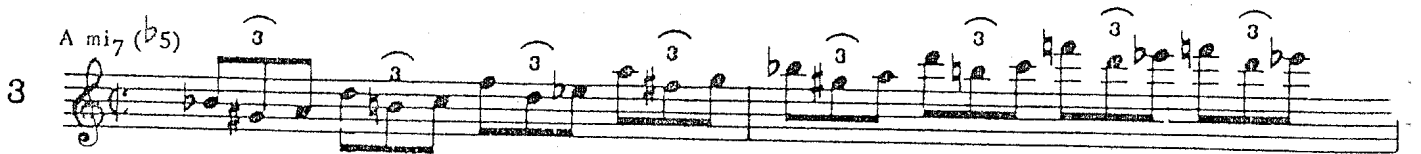
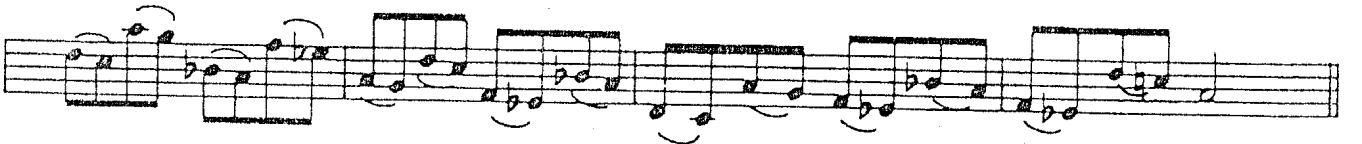
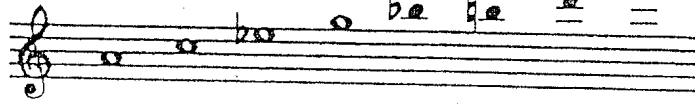
4 *A mi7*

5 *A mi7*

A minor seventh (flat five)

1 \flat_3 \flat_5 \flat_7 \flat_9 9 11 \flat_{13}

A Minor 7 (\flat_5)



4

A mi^b₇ ^b₅

5

A mi^b₇ ^b₅

A diminished seventh

A Diminished 7th

1 ^b₃ ^b₅ ^{bb}₇ Maj 7 9 11 ^b₁₃

1

A^o₇

2 $A^{\circ}7$

3 $A^{\circ}7$

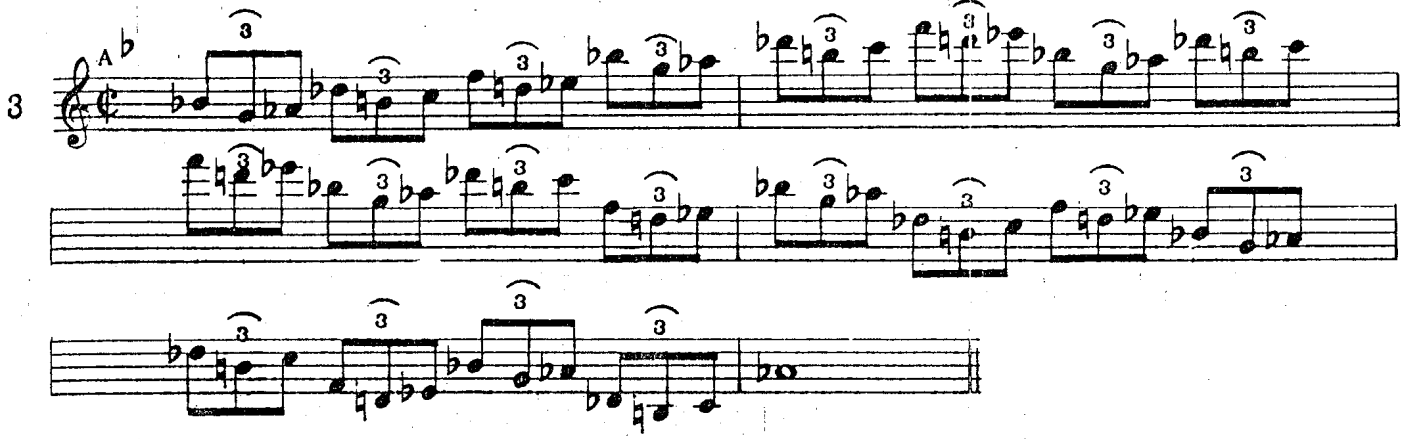
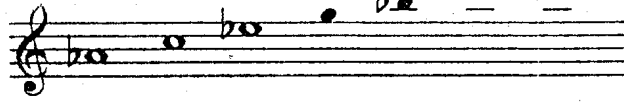
4 $A^{\circ}7$

5 $A^{\circ}7$

Ab major

1 3 5 Maj 7 9 #11 13(6)

Ab Major



4

Exercise 4: A three-staff musical exercise in Ab minor. The first staff begins with a treble clef and a key signature of two flats (Ab). The music consists of eighth and sixteenth notes, with some slurs and ties. The second and third staves continue the melodic line.

5

Exercise 5: A three-staff musical exercise in Ab minor. The first staff begins with a treble clef and a key signature of two flats (Ab). The music consists of eighth and sixteenth notes, with some slurs and ties. The second and third staves continue the melodic line.

Ab minor

1 b3 5 Maj 7 9 13(6)

Ab Minor

Ab Minor chord: A single staff of music showing the chord structure in Ab minor. The notes are Ab, Bb, and Cb, with a double bar line under the Cb note.

Scale exercise: A single staff of music showing a scale exercise in Ab minor, consisting of a series of eighth notes ascending and then descending.

1

Exercise 1: A two-staff musical exercise in Ab minor. The first staff begins with a treble clef and a key signature of two flats (Ab). The music consists of eighth and sixteenth notes, with some slurs and ties. The second staff continues the melodic line.

2 *Ab mi*

3 *Ab mi*

4 *Ab mi*

5 *Ab mi*

Ab seventh

Ab Dominant 7

1 3 5 b7 b9 9 9+ 11 11+ b13 13

8va.....

1

2

3

4

5

Ab minor seventh

1 b_3 5 b_7 9 11

Ab Minor 7

1

2

A^bmi₇

3

A^bmi₇

4

A^bmi₇

5

A^bmi₇

Ab minor seventh (flat five)

1 b₃ b₅ b₇ b₉ 9 11 b₁₃

Ab Minor 7 (b5)

1

2

3

4 $A^b m_7(b5)$

5 $A^b m_7(b5)$

A^b diminished seventh

A^b Diminished 7th

1	b_3	b_5	bb_7	Maj	7	9	11	b_{13}
					e	b_e	b_e	b_e

1 A^b_7

2 *A^b7*

3 *A^b7*

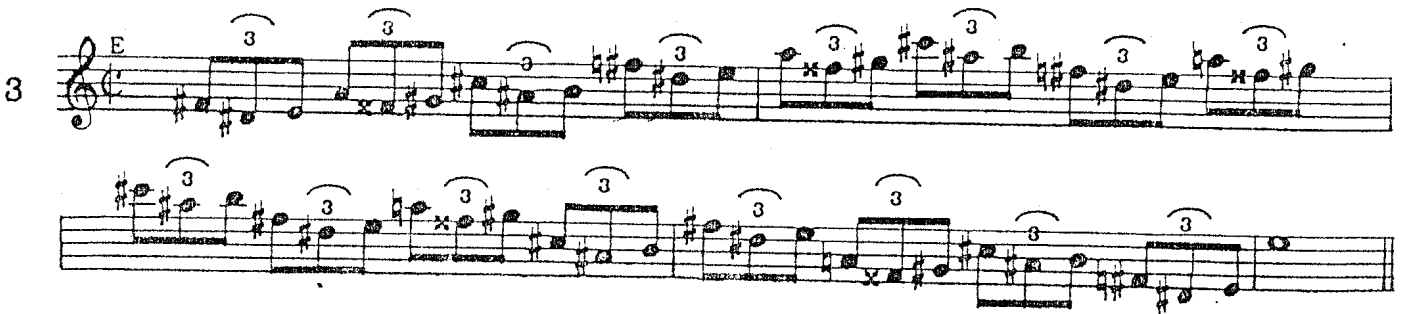
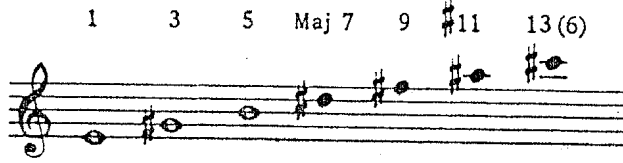
4 *A^b7*

5 *A^b7*

E major

1 3 5 Maj 7 9 #11 13(6)

E Major



4

5

E minor

1 \flat_3 5 Maj 7 9 13(6)

E Minor

1

E mi

2 E mi

3 E mi

4 E mi

5 E mi

4

E7

5

E7

E minor seventh

E Minor 7

1 b3 5 b7 9 11

1

Emi7

2

Emi7

3

Emi7

4

Emi7

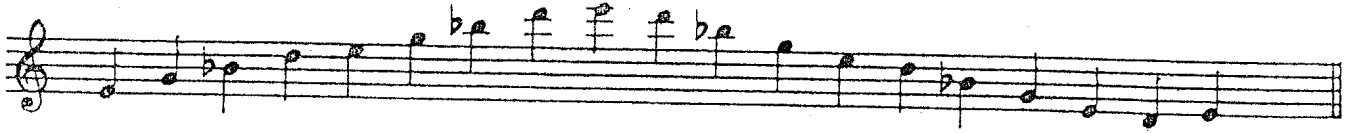
5

Emi7

E minor seventh (flat five)

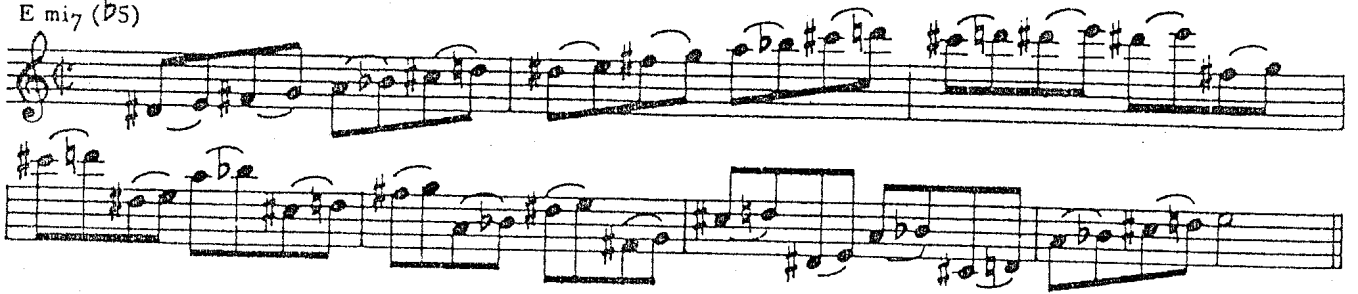
1 b3 b5 b7 b9 9 11 b13

E Minor 7 (b5)



E mi7 (b5)

1



E mi7 (b5)

2



E mi7 (b5)

3



4 $E_{mi}7^{\flat 5}$

5 $E_{mi}7^{\flat 5}$

E diminished seventh

E Diminished 7th

1 \flat_3 \flat_5 $\flat\flat_7$ $\text{Maj } 7$ 9 11 \flat_{13}

1 $E^{\circ 7}$

2

Exercise 2, first system. Treble clef, E°7 chord. The staff contains a melodic line with various intervals and accidentals.

Exercise 2, second system. Treble clef, E°7 chord. The staff contains a melodic line with triplets and various intervals.

4

Exercise 4, first system. Treble clef, E°7 chord. The staff contains a melodic line with various intervals and accidentals.

5

Exercise 5, first system. Treble clef, E°7 chord. The staff contains a melodic line with various intervals and accidentals.

Db major

1 3 5 Maj 7 9 #11 13(6)

Db Major

1

2

3

4

5

Db minor

1 b3 5 Maj 7 9 13(6)

Db Minor

1

2

Db mi

3

Db mi

4

Db mi

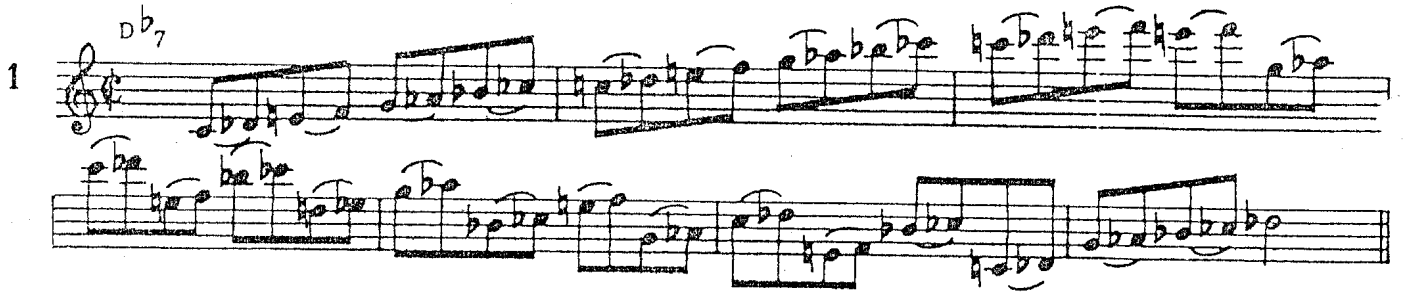
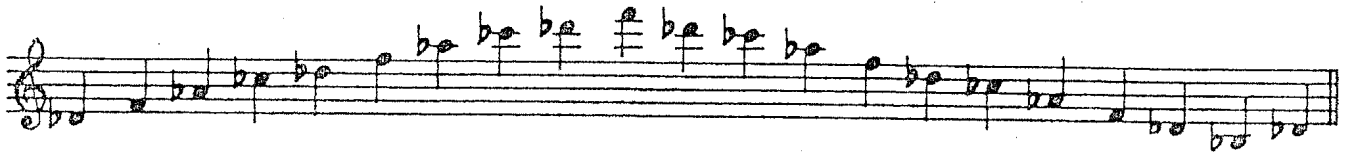
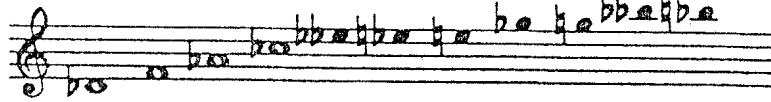
5

Db mi

Db seventh

1 3 5 b7 b9 9 9⁺ 11 11⁺ b13 qb3

D^b Dominant 7



4

Musical notation for exercise 4, featuring a Db7 chord and a complex melodic line with many accidentals.

5

Musical notation for exercise 5, featuring a Db7 chord and a complex melodic line with many accidentals.

Db minor seventh

1 b3 5 b7 9 11

Db Minor 7

Scale diagram for Db Minor 7 chord showing notes 1, b3, 5, b7, 9, 11.

Musical notation for exercise 1, featuring a Db mi7 chord and a complex melodic line with many accidentals.

1

Musical notation for exercise 1, featuring a Db mi7 chord and a complex melodic line with many accidentals.

2

Db mi7

3

Db mi7

4

Db mi7

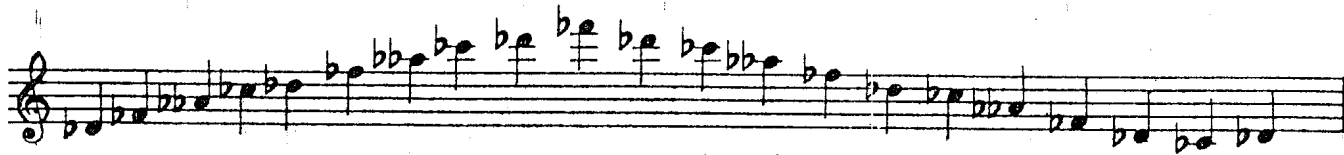
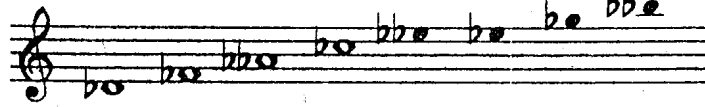
5

Db mi7

Db minor seventh (flat five)

1 b3 b5 b7 b9 9 11 b13

Db Minor 7 (b5)



Db mi7 (b5)

1



Db mi7 (b5)

2



Db mi7 (b5)

3



4

$D\flat mi_7(b5)$

5

$D\flat mi_7(b5)$

$D\flat$ diminished seventh

1 $b3$ $b5$ $bb7$ ^{Maj} 7 9 11 $b13$

$D\flat$ Diminished 7th

1

$D\flat_7$

2

Db°7

3

Db°7

4

Db°7

5

Db°7

B major

1 3 5 Maj 7 9 #11 13(6)

B Major

1

2

3

4

B

5

B

B minor

1 \flat_3 5 Maj 7 9 13(6)

B Minor

1

B mi

2 B mi

3 B mi

4 B mi

5 B mi

B seventh

B Dominant 7

1 3 5 $b7$ $b9$ 9 $\#9$ 11 $\#11$ $b13$ 13

1

B₇

2

B₇

3

B₇

4

5

B minor seventh

B Minor 7

1

2 **Bmi 7**

3 **Bmi 7**

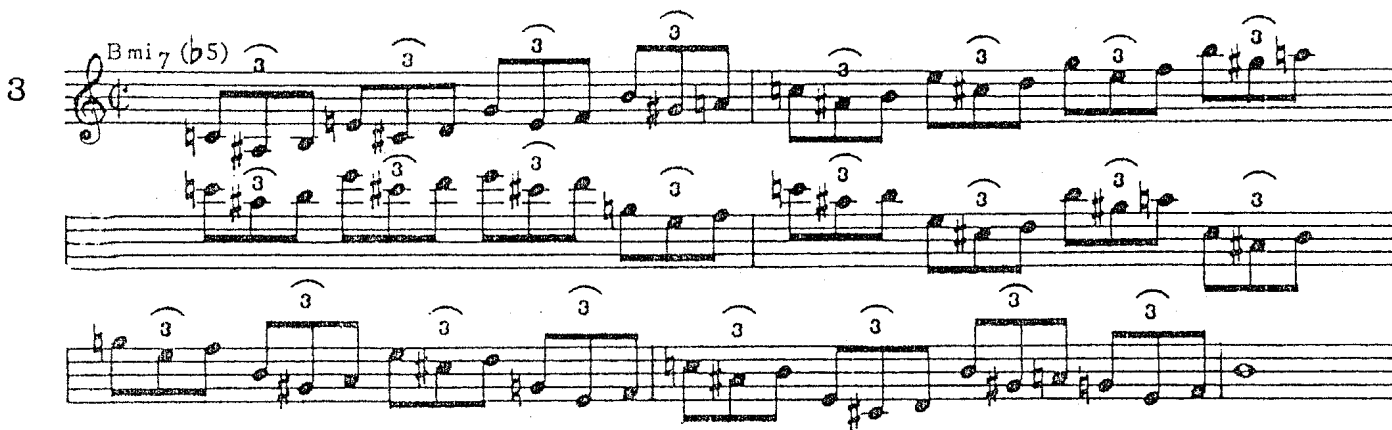
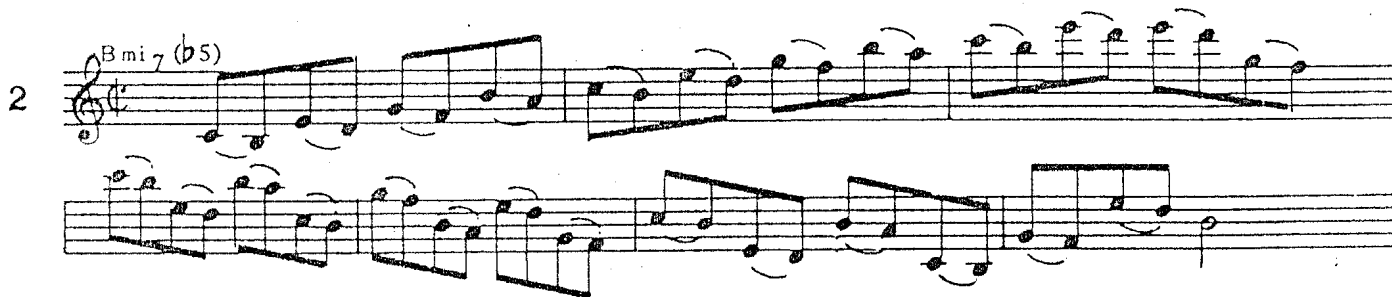
4 **Bmi 7**

5 **Bmi 7**

B minor seventh (flat five)

1 $\flat 3$ $\flat 5$ $\flat 7$ $\flat 9$ 9 11 $\flat 13$

B Minor 7 ($\flat 5$)



4

Bmi^b₇^{b5}

5

Bmi^b₇^{b5}

B diminished seventh

B Diminished 7th

1 ^b3 ^b5 ^{bb}7 Maj 7 9 11 ^b13

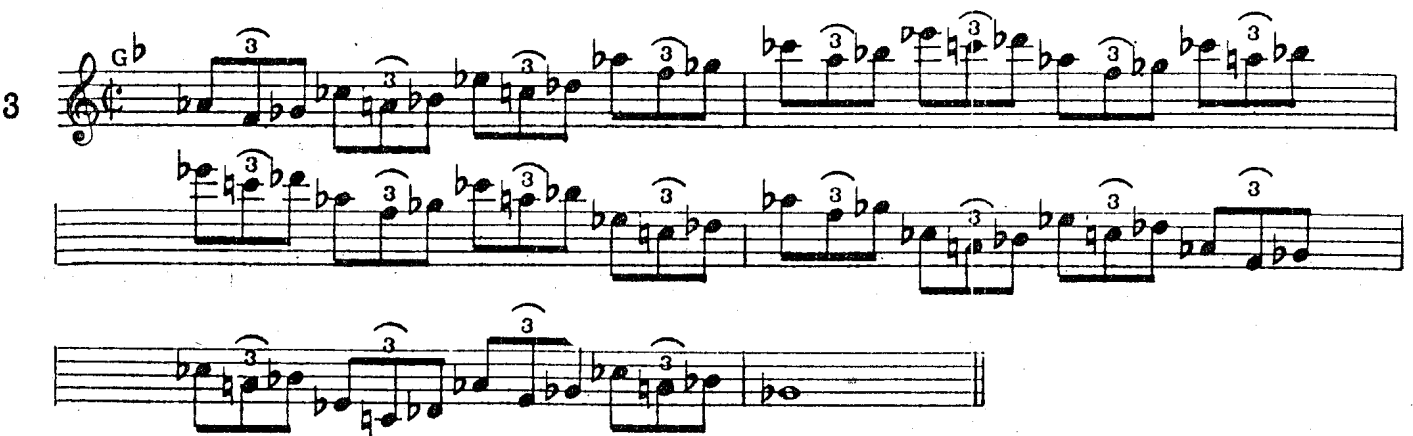
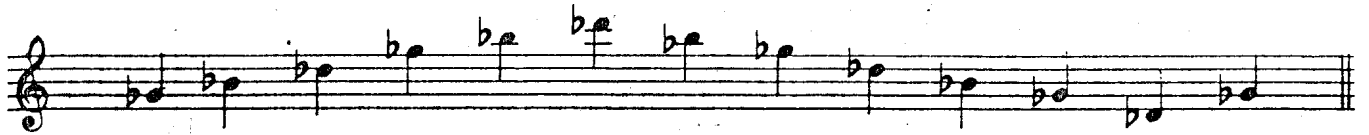
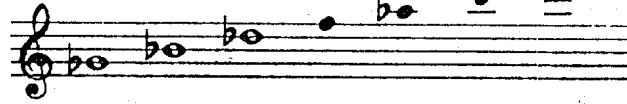
1

B^o₇

Gb major

1 3 5 Maj 7 9 #11 13(6)

Gb Major



4

5

Gb minor

1 b3 5 Maj 7 9 13(6)

Gb Minor

1

2

2

3

3

4

4

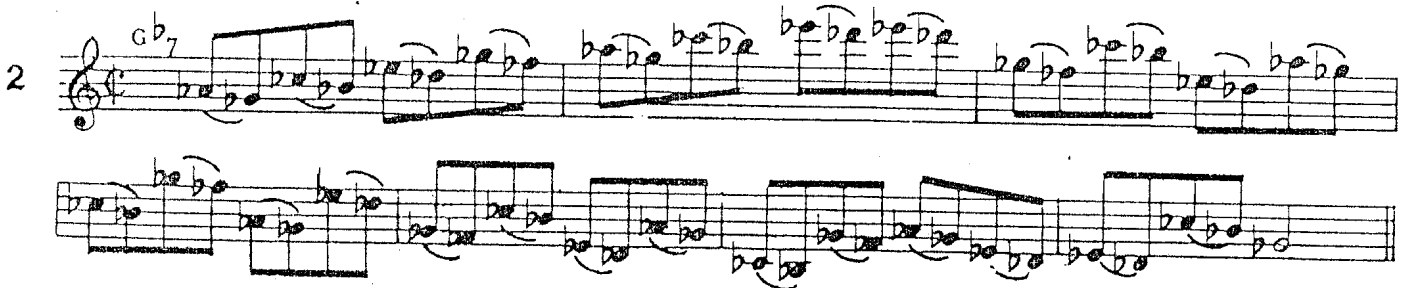
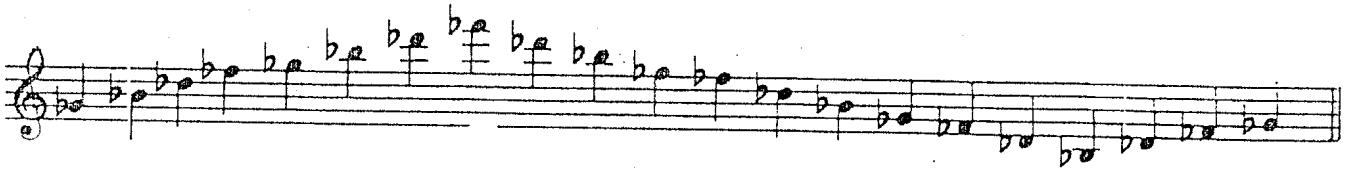
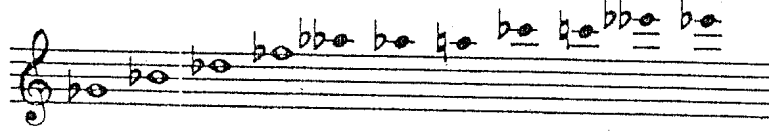
5

5

Gb seventh

1 3 5 b7 b9 9 9⁺ 11 11⁺ b13 13

G^b Dominant 7



4

5

Gb minor seventh

1 b3 5 b7 9 11

Gb Minor 7

1

2

2

3

3

4

4

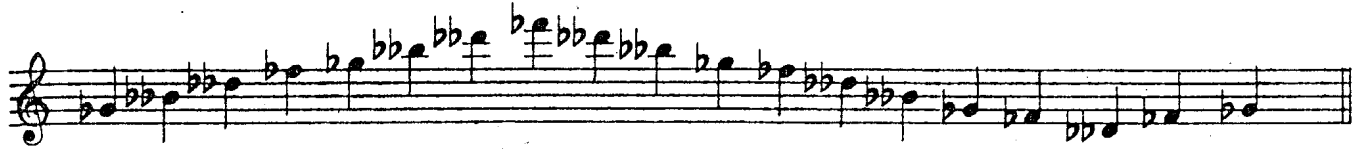
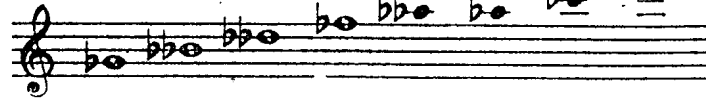
5

5

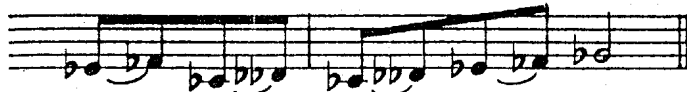
Gb minor seventh (flat five)

1 b3 b5 b7 b9 9 11 b13

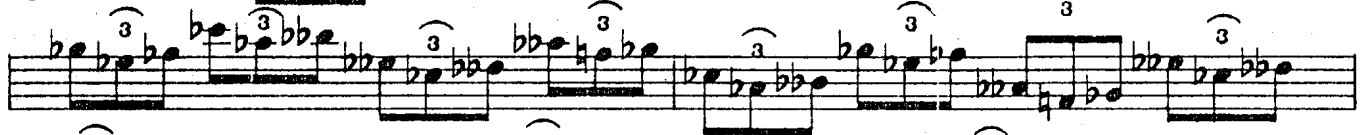
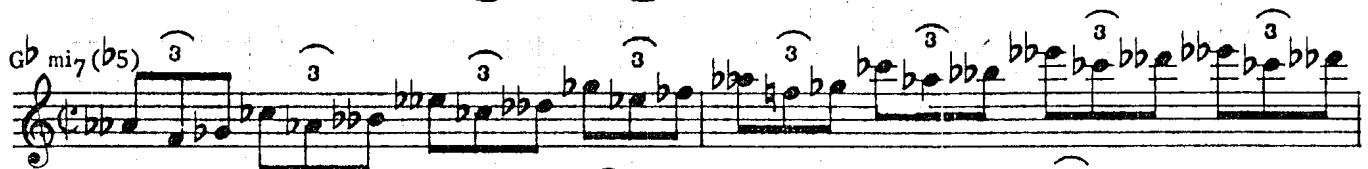
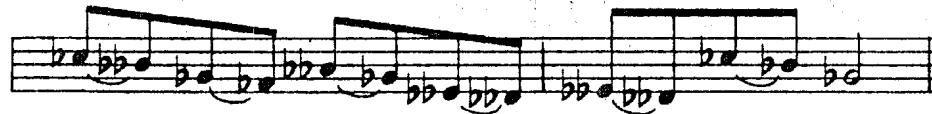
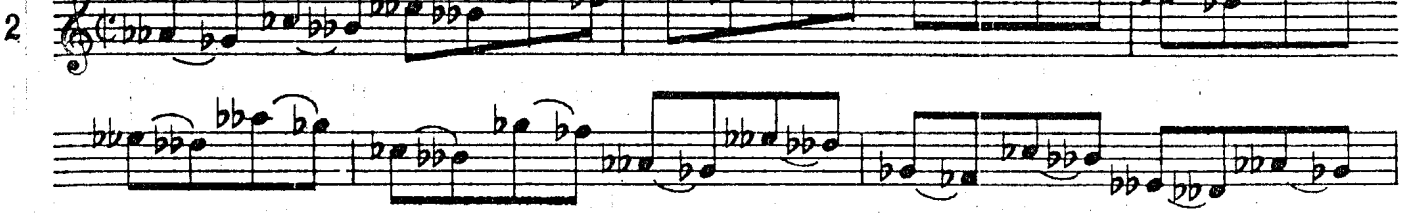
Gb Minor 7 (b5)



Gb mi7 (b5)



Gb mi7 (b5)



4 $G^b_{mi7}(b5)$

5 $G^b_{mi7}(b5)$

Gb diminished seventh

1 b_3 b_5 bb_7 Maj 7 9 11 b_{13}

G^b Diminished 7th

2

Musical notation for system 2, measures 1-2. Treble clef, Gb7 chord. Features eighth and sixteenth notes with slurs and ties.

3

Musical notation for system 3, measures 3-4. Treble clef, Gb7 chord. Features triplets of eighth notes.

4

Musical notation for system 4, measures 5-6. Treble clef, Gb7 chord. Features eighth and sixteenth notes with slurs.

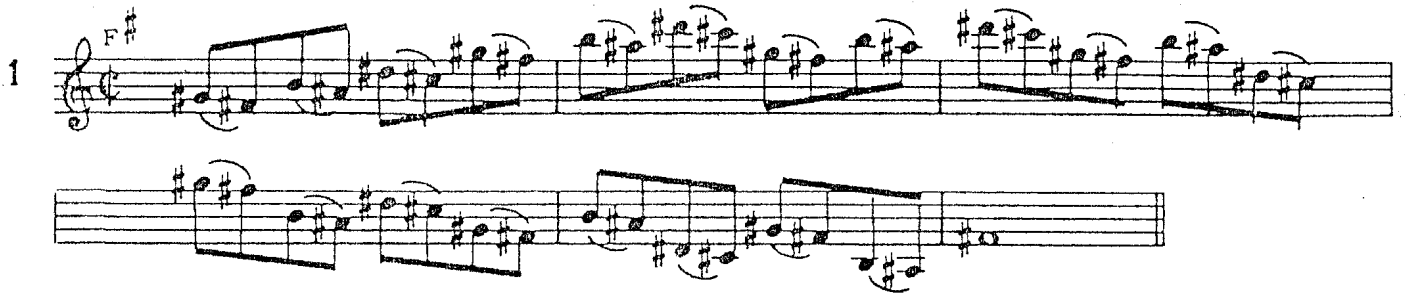
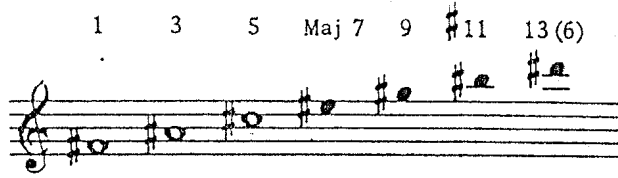
5

Musical notation for system 5, measures 7-8. Treble clef, Gb7 chord. Features eighth and sixteenth notes with slurs.

F# major

1 3 5 Maj 7 9 #11 13(6)

F# Major



4

5

F# minor

1 b3 5 Maj 7 9 13 (6)

F# Minor

1

2

F#mi

3

F#mi

4

F#mi

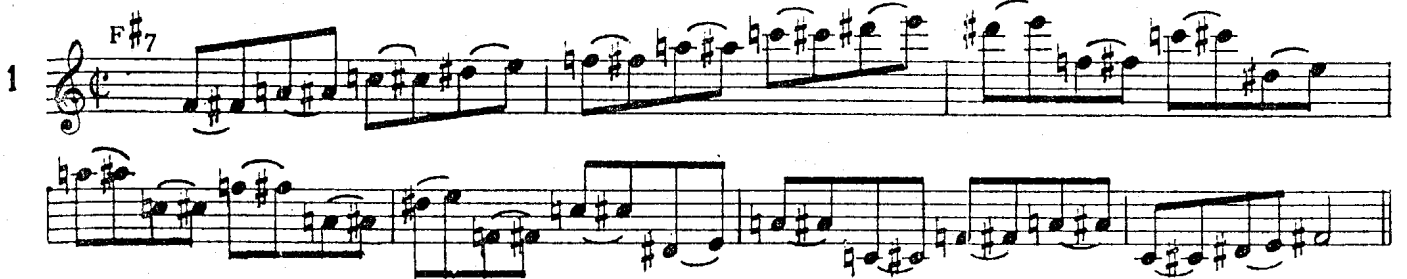
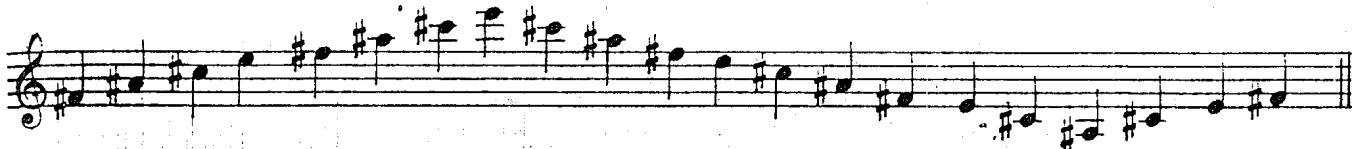
5

F#mi

F# seventh

1 3 5 b7 b9 9 9+ 11 11+ b13 13

F# Dominant 7



4

5

F# minor seventh

1 b3 5 b7 9 11

F# Minor 7

1

F#mi7

2

Musical notation for exercise 2, first system. Treble clef, F#mi7 chord. The system consists of two staves of music with various rhythmic patterns and slurs.

3

Musical notation for exercise 3, first system. Treble clef, F#mi7 chord. The system consists of two staves of music with many triplets indicated by a '3' in a circle.

4

Musical notation for exercise 4, first system. Treble clef, F#mi7 chord. The system consists of three staves of music with various rhythmic patterns and slurs.

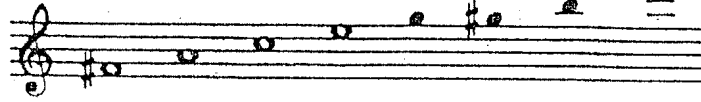
5

Musical notation for exercise 5, first system. Treble clef, F#mi7 chord. The system consists of three staves of music with various rhythmic patterns and slurs.

F# minor seventh (flat five)

1 b3 b5 b7 b9 9 11 b13

F# Minor 7 (b5)



4

F#mi7(b5)

5

F#mi7(b5)

F# diminished seventh

F# Diminished 7th

1 b3 b5 bb7 Maj 7 9 11 b13

1

F#o7

2

Musical notation for exercise 2, first system. Treble clef, F#7 chord. The melody consists of eighth and sixteenth notes with slurs and ties.

3

Musical notation for exercise 3, first system. Treble clef, F#7 chord. The melody features numerous triplets marked with a '3' and a slur.

4

Musical notation for exercise 4, first system. Treble clef, F#7 chord. The melody consists of eighth and sixteenth notes with slurs and ties.

5

Musical notation for exercise 5, first system. Treble clef, F#7 chord. The melody consists of eighth and sixteenth notes with slurs and ties.

Cb major

1 3 5 Maj 7 9 #11 13(6)

Cb Major



1



2



3



4

5

Cb minor

1 b3 5 Maj 7 9 13(6)

CbMinor

1 Cb mi

2

cb mi

3

cb mi

4

cb mi

5

cb mi

4

5

Cb minor seventh

1 b_3 5 b_7 9 11

Cb Minor 7

1

Cb mi 7

2 cb_{mi7}

Exercise 2 consists of two staves of music. The first staff begins with a treble clef and a cb_{mi7} chord symbol. The melody is written in a single line with various accidentals (flats and double flats) and slurs. The second staff continues the melody, also featuring accidentals and slurs.

3 cb_{mi7}

Exercise 3 consists of three staves of music. The first staff begins with a treble clef and a cb_{mi7} chord symbol. The melody is written in a single line with triplets indicated by a '3' over a bracket and various accidentals. The second and third staves continue the melody with similar triplet patterns and accidentals.

4 cb_{mi7}

Exercise 4 consists of three staves of music. The first staff begins with a treble clef and a cb_{mi7} chord symbol. The melody is written in a single line with various accidentals and slurs. The second and third staves continue the melody with similar accidentals and slurs.

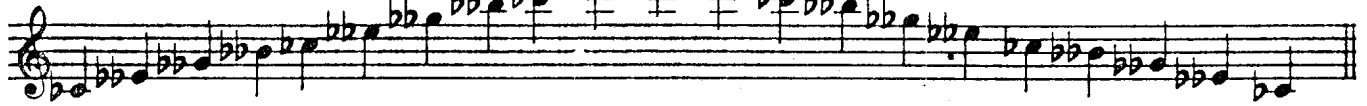
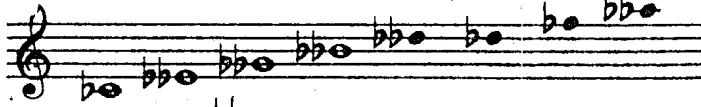
5 cb_{mi7}

Exercise 5 consists of three staves of music. The first staff begins with a treble clef and a cb_{mi7} chord symbol. The melody is written in a single line with various accidentals and slurs. The second and third staves continue the melody with similar accidentals and slurs.

Cb minor seventh (flat five)

1 b3 b5 b7 b9 9 11 b13

Cb Minor 7 (b5)



1

Cb m7 (b5)

2

Cb mi7 (b5)

3

Cb mi7 (b5)

4 $Cb_{mi7} (b5)$

Handwritten musical notation for exercise 4, featuring a $Cb_{mi7} (b5)$ chord and a complex melodic line with many accidentals.

5 $Cb_{mi7} (b5)$

Handwritten musical notation for exercise 5, featuring a $Cb_{mi7} (b5)$ chord and a complex melodic line with many accidentals.

Cb diminished seventh

Cb Diminished 7th

1 b_3 b_5 bb_7 Maj 7 9 11 b_{13}

Diagram of the Cb Diminished 7th chord structure with notes and accidentals.

Handwritten musical notation showing a melodic line with notes and accidentals.

1 Cb_7

Handwritten musical notation for exercise 1, featuring a Cb_7 chord and a complex melodic line with many accidentals.

2 *cb₇*

3 *cb₇*

4 *cb₇*

5 *cb₇*

C# major

1 3 5 Maj 7 9 #11 13(6)

C# Major

1

2

3

4

5

C# minor

1 3 5 Maj 7 9 13(6)

C# Minor

1

C#mi

2

C#mi

3

C#mi

4

C#mi

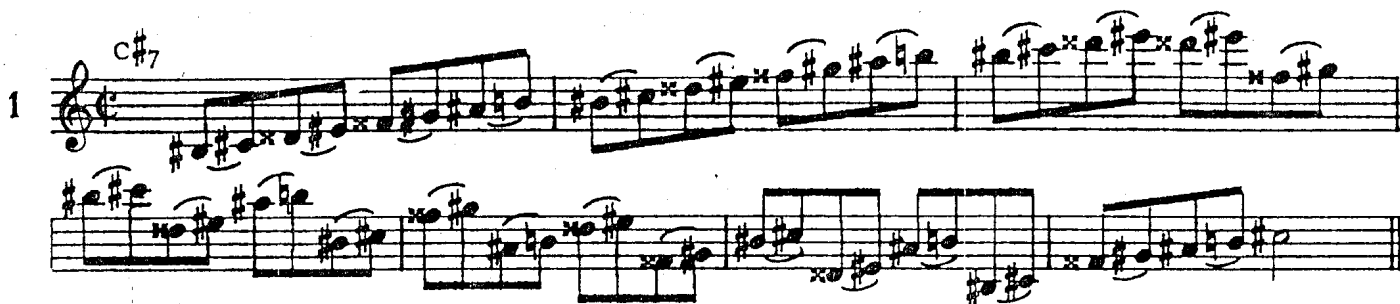
5

C#mi

C# seventh

1 3 5 b7 b9 9 #9 11 #11 b13 13

C# Dominant 7



4

5

C# minor seventh

C# Minor 7

1 b3 5 b7 9 11

1

C#mi7

2. *C#mi7*

3. *C#mi7*

4. *C#mi7*

5. *C#mi7*

C# minor seventh (flat five)

C# Minor 7 (b5) 1 b3 b5 b7 b9 9 11 b13

1 C#mi 7 (b5)

2 C#mi 7 (b5)

3 C#mi 7 (b5)

4 C#mi7(b5)

5 C#mi7(b5)

C# diminished seventh

C# Diminished 7th

1 b3 b5 bb7 Maj 7 9 11 b13

1 C#7

2

Musical notation for exercise 2, measures 1-4. Treble clef, C#7 chord. Features eighth and sixteenth notes with slurs and ties.

3

Musical notation for exercise 3, measures 1-4. Treble clef, C#7 chord. Features triplets and slurs.

4

Musical notation for exercise 4, measures 1-4. Treble clef, C#7 chord. Features eighth and sixteenth notes with slurs.

5

Musical notation for exercise 5, measures 1-4. Treble clef, C#7 chord. Features eighth and sixteenth notes with slurs.

SUMMARY

Summary of the C major scale and its chords. The notation shows the scale in treble clef, with notes C, D, E, F, G, A, B, C. The chords are: C (C major), C₇ (C dominant 7), Cmi₇^{b5} (C minor 7 flat 5), Cmi (C minor), Cmi₇ (C minor 7), and Cdim (C diminished).

Summary of the F major scale and its chords. The notation shows the scale in treble clef, with notes F, G, A, Bb, C, D, E, F. The chords are: F (F major), F₇ (F dominant 7), Fmi₇^{b5} (F minor 7 flat 5), Fmi (F minor), Fmi₇ (F minor 7), and Fdim (F diminished).

Summary of the G major scale and its chords. The notation shows the scale in treble clef, with notes G, A, B, C, D, E, F#, G. The chords are: G (G major), G₇ (G dominant 7), Gmi₇^{b5} (G minor 7 flat 5), Gmi (G minor), Gmi₇ (G minor 7), and Gdim (G diminished).

First system of musical notation, consisting of three staves. The top staff begins with a treble clef and a key signature of one flat (Bb). The first chord is Bb, and the second is Bbmi. The middle staff starts with Bb7 and Bbmi7. The bottom staff starts with Bbmi7b5 and Bb dim. The notation includes various rhythmic values and accidentals.

Second system of musical notation, consisting of three staves. The top staff begins with a treble clef and a key signature of two sharps (D). The first chord is D, and the second is Dmi. The middle staff starts with D7 and Dmi7. The bottom staff starts with Dmi7b5 and D dim. The notation includes various rhythmic values and accidentals.

Third system of musical notation, consisting of three staves. The top staff begins with a treble clef and a key signature of three flats (Eb). The first chord is Eb, and the second is Ebmi. The middle staff starts with Eb7 and Ebmi7. The bottom staff starts with Ebmi7b5 and Eb dim. The notation includes various rhythmic values and accidentals.

Db
Db₇
Db mi₇^{b5}
Db dim

B
B₇
B mi₇^{b5}
B dim

G^b
G^b₇
G^b mi₇^{b5}
G^b dim

F# F#mi
F#7 F#mi7
F#mi7b5 F#dim

cb Cbmi
Cb7 Cbmi7
Cbmi7b5 Cbdim

C# C#mi
C#7 C#mi7
C#mi7b5 C#dim

SECTION II

Studies
on
Chord Sequences

SECTION II

Studies on Chord Sequences

1

The musical score consists of seven staves of music, each containing a sequence of chords. The chords are labeled as follows:

- Staff 1: F, F#, G
- Staff 2: Ab, A, Eb
- Staff 3: B, C, C#
- Staff 4: D, Eb, E
- Staff 5: F, E#, Eb
- Staff 6: D, Db, C
- Staff 7: cb, Bb, A

Ab G Gb

F

2 Eb E F

F# G Ab

A Bb B

C C D

Ab

3 F E

D Db C

Cb Bb A

Ab G Gb

4

Chords: C, D, D, E, E, F#, F#, Ab

Chords: Db, Eb, Eb, F, F, G, G, A

6

Chords: C, F#, D, Ab, E, Bb, F#, C

7

C Ab A

F F# D

Eb C Ab C

8

Db A Bb

Gb G Eb

E C Db A Db

9

C mi Bb mi Ab mi

F# mi E mi D mi C mi

10

B mi A mi G mi

F mi Eb mi Db mi B mi

11

C mi Eb mi F# mi

A mi C mi

A mi F# mi Eb mi C mi

12

C mi E mi Ab mi

F# mi Bb mi D mi

A mi C# mi F mi Eb mi G mi B mi C

13

C7 C#7 D7

Eb7 E7 F7

F#7 G7 Ab7 A7 Bb7 B7 C7

14

Chords: F7, E7, Eb7, D7, Db7, C7, B7, Bb7, A7

15

Chords: Ab7, G7, Gb7, F7, C7, Bb7, Ab7, Gb7, E7, D7, C7

16

Chords: A7, G7, F7, Eb7, Db7, Cb7, A7

17

Chords: Cmi7, Bbmi7, Abmi7, Gbmi7, Emi7, Dmi7, Cmi7

18 Musical notation for system 18, measures 1-4. Treble clef, C major key signature. Chords: B mi7, A mi7, G mi7, F mi7, Eb mi7, Db mi7, B mi7.

19 Musical notation for system 19, measures 1-4. Treble clef, C major key signature. Chords: C mi7, Ab mi7, F# mi7, D mi7, C mi7.

20 Musical notation for system 20, measures 1-4. Treble clef, C major key signature. Chords: Bb mi7, Gb mi7, E mi7, C mi7, Bb mi7.

21 Musical notation for system 21, measures 1-4. Treble clef, C major key signature. Chords: C mi7(b5), Bb mi7(b5), Ab mi7(b5), F# mi7(b5), E mi7(b5), D mi7(b5), C mi7(b5).

22 Musical notation for system 22, measures 1-4. Treble clef, C major key signature. Chords: F mi7(b5), Eb mi7(b5), Db mi7(b5), B mi7(b5), A mi7(b5), G mi7(b5), F mi7(b5).

23

C mi₇(b5) Eb mi₇(b5) F# mi₇(b5)

A mi₇(b5) C mi₇(b5)

24

C mi₇(b5) A mi₇(b5) F# mi₇(b5)

Eb mi₇(b5) C mi₇(b5)

25

D mi₇(b5) G₇(b9) C mi₇(b5)

F₇(b9) Bb mi₇(b5) Eb₇(b9)

Ab mi₇(b5) Db₇(b9) F# mi₇(b5)

B₇(b9) E mi₇(b5) A₇(b9) D mi₇(b5)

26

C^o₇ F^o₇ Bb^o₇ Eb^o₇ Ab^o₇ Db^o₇

G^o₇ Cb^o₇ E^o₇ A^o₇ D^o₇ G^o₇ C^o₇

27

Chords: C⁷, B⁷, B^{b7}, A⁷, A^{b7}, G⁷, F^{#7}, F⁷, E⁷, E^{b7}, D⁷, D^{b7}, C⁷

28

Chords: F⁷, B^{b7}, E^{b7}, A^{b7}, D^{b7}, F^{#7}, B⁷, E⁷, A⁷, D⁷, G⁷, C⁷, F⁷

29

Chords: G⁷, C, F⁷, B^b, E^{b7}, A^b, D^{b7}, G^b, B⁷, E, A⁷, D, G⁷

30

31

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32

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34

35

33

Measures 1-4 of system 33. Treble clef, 4/4 time. Chords: Ebmi7, Ab7, Dmi7, G7, C#mi7, F#7.

34

Measures 1-4 of system 34. Treble clef, 4/4 time. Chords: Emi7, A7, Dmi7, G7, Cmi7, F7, Bbmi7, Eb7, Abmi7, Db7, F#mi7, B7, Emi7, A7, Dmi7, G7, Cmi7, F7, Bbmi7.

35

Measures 1-2 of system 35. Treble clef, 4/4 time. Chords: Dmi7, G7, Cmi7, F7, Bbmi7, Eb7.

Ab mi7 Db7 F#mi7

36 Fmi7 Bb7 Ebmi7

Ab7 Dbmi7 Gb7

Bmi7 E7 Ami7

D7 Gmi7 C7 F

37 Dmi7 G7 Cmi7

F7 Bbmi7 Eb7

Ab mi7 Db7 F#mi7

B7 Emi7 A7 D

42

Chords: Cm7(b5), F7(b9), Bbm7, F7(b9), Abm7(b5), Db7(b9), Gbm7, cb7(b9), Em7(b5), A7(b9), Dmi7, G7(b9), Cm7(b5)

43

Chords: Fmi7(b5), Bb7(b9), Ebmi7(b5), Ab7(b9), C#mi7(b5), F#7(b9), Bmi7(b5), E7(b9), Ami7(b5), D7(b9), Gmi7(b5), C7(b9), Fmi

44

Chords: F#mi7(b5), B7(b9), Em7(b5), A7(b9), Dmi7(b5), G7(b9), Cm7(b5), F7(b9), Bbm7(b5), Eb(b9), Abmi7(b5), Db7(b9), F#mi

42

Musical notation for system 42, measures 1-4. Chords: Gb, Fmi7, Ebmi7, Db, E, D#mi7, C#mi7, B, D, C#mi7, Bmi7, A, C, Bmi7, Ami7, G, Bb, Ami7, Gmi7, F, Ab, Gmi7, Fmi7, Eb.

43

Musical notation for system 43, measures 1-4. Chords: F, Emi7, Dmi7, C, Eb, Dmi7, Cmi7, Bb, Db, Cmi7, Bbmi7, Ab, cb, Bbmi7, Abmi7, Gb, A, G#mi7, F#mi7, E, G, F#mi7, Emi7, D.

44

Cmi
Bb
Ab
Gmi7
F#mi
E
D
C#mi7
Bbmi
Gb
Fmi7
Emi
D
C
Bmi7
Abmi
Gb
E
EDmi7
Dmi
C
Bb
Ami7

This page contains 12 staves of musical notation for guitar. Each staff begins with a chord diagram and a label. The notation includes various rhythmic values such as quarter notes, eighth notes, and sixteenth notes, often beamed together. The key signature is one sharp (F#), and the time signature is 4/4. The chords and their positions are as follows:

- Staff 1: Bmi, A
- Staff 2: G, F#mi7
- Staff 3: Fmi, Eb
- Staff 4: Db, Cmi7
- Staff 5: Ami, G
- Staff 6: F, E mi7
- Staff 7: Eb mi7, Db
- Staff 8: Cb, Bb mi7
- Staff 9: G mi, F
- Staff 10: Eb, D mi
- Staff 11: Db mi7, Cb
- Staff 12: A, Ab mi7

45

Chords: C, Eb₇, Ab, B₇, E, G₇

46

Chords: Eb, F_#₇, B, D₇, G, B_b₇, Eb

47

Chords: F_#, A₇, D, F₇, B_b, C_#₇, F_#

48

Chords: E mi, D, C, B mi, G mi, F, Eb, D mi

This page contains ten staves of musical notation, likely for guitar. Each staff begins with a chord label, followed by a melodic line of notes. The chords and their corresponding notes are as follows:

- Staff 1: $Bb\ mi$, Ab , Gb , $F\ mi$
- Staff 2: $C\#\ mi$, B , A , $G\#\ mi$
- Staff 3: $F\#\ mi$, E , D , $C\#\ mi$
- Staff 4: $A\ mi$, G , F , E
- Staff 5: $C\ mi$, Bb , Ab , $G\ mi$
- Staff 6: $Eb\ mi$, Db , Cb , $Bb\ mi$
- Staff 7: $Ab\ mi$, Gb , E , $Eb\ mi$
- Staff 8: $B\ mi$, A , G , $F\#\ mi$
- Staff 9: $D\ mi$, C , Bb , $A\ mi$
- Staff 10: $F\ mi$, Eb , Db , $C\ mi$

49

The musical score consists of ten systems, each with two staves. The top staff of each system contains a melody line with notes and rests, while the bottom staff contains a bass line with notes and rests. Chord symbols are placed above the top staff and below the bottom staff to indicate the harmonic structure. The chords are as follows:

- System 1: C, Bmi7, Ami7, G
- System 2: Gb, Fmi7, Ebmi7, Db
- System 3: A, G#mi7, F#mi7, F
- System 4: Eb, Dmi7, Cmi7, Bb
- System 5: Ab, Gmi7, Fmi7, Ed
- System 6: D, C#mi7, Bmi7, A
- System 7: F, Emi7, Dmi7, C
- System 8: Cb, Bbmi7, Abmi7, Gb
- System 9: E, D#mi7, C#mi7, B
- System 10: Bb, Ami7, Gmi7, F
- System 11: Db, Cmi7, Bbmi7, Ab
- System 12: G, F#mi7, Emi7, D