

TWENTIETH CENTURY HARMONIC AND MELODIC AURAL PERCEPTION

Ted Hansen

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PREFACE

This manual was composed to meet the obvious need for a practical method of developing harmonic and melodic aural perception of 20th century idioms. The difficulty of abstracting excerpts from the contemporary repertoire, which could be used with practical success in the classroom, provided my initial motivation. Twentieth Century Harmonic and Melodic Aural Perception is the product of four years of successful in class testing at The University of Tulsa. The material presented is designed for use in the fourth semester of undergraduate music theory programs or comprehensive musicianship programs. It could also be useful in 20th century theory courses in the fifth semester of study.

The material is divided into two skill categories; harmonic and melodic perception. The harmonic exercises are scored in four part S.A.T.B. style to facilitate in class sight-singing and harmonic dictation. The four part texture was deliberately chosen since it is an extension of the same texture used in the study of common practice period music. The harmonic content includes: altered tertian chords, quartal and quintal sonorities, polychords, double-inflection sonorities, secundal harmonies, and random intervallic structures. The harmonic progressions contain varying degrees of tonality, which approximate numerous 20th century works. The exercises may be played for dictation by the instructor on the piano, or cassette tapes which employ a woodwind quartet are also available. Each class should sing the progressions after notating them in dictation drills. Analysis of the progressions, using a system such as the "Hindemith Craft" method, can further amplify student comprehension of these harmonic sonorities, and of the linear treatment of the various structures.

The melodic examples should be used for both sight singing and melodic dictation. They were composed within standard vocal ranges so that women may sing them as notated, and men can usually sing them one octave lower. The melodies are cast in familiar phrase and period structures; and were composed to illustrate modal, pentatonic, synthetic, and dodecaphonic approaches to melody.

It is my hope that the materials presented here will assist students in improving aural perception of 20th century harmonic and melodic idioms.

Dr. Ted Hansen
Associate Professor of Music
The University of Tulsa

20th CENTURY MELODIC DICTATION
AND SIGHT SINGING

1 ♩ = 72 **B oriental**

$\bullet = 66$ A enigmatic

6

p *mp* *mf*

1 3 2 2 2 1 1

$\bullet = 82$ E flat double harmonic

7

pp *mp* *mf*

$\bullet = 56$ G sharp hungarian minor

8

mp *mf* *f*

$\bullet = 52$ B dorian

9

mf *p* *mp* *f*

♩ = 116 B pentatonic

10



♩ = 84 D major locrian

11



♩ = 120 E lydian minor

12



♩ = 48 F overtone

13



♩ = 60 B flat phrygian

14

p *mf* *f* *mp*

♩ = 72 D flat leading whole tone

15

mf *mp* *f* *mf* *mp*

♩ = 48 A flat hungarian major

16

mf *f* *mp* *p*

♩ = 120 B eight tone spanish

17

mf *f* *mf* *mp*

musical score for guitar, page 5, featuring scales in D Lydian, E Symmetrical, D Flat Wholetone, and E Flat Mixolydian modes.

The score is divided into four sections, each with a tempo marking of 60 bpm (♩ = 60).

Section 1: D Lydian
Measures 18-19. Key signature: two sharps (F# and C#). Time signature: 4/4. Dynamics: *p*, *mf*, *f*, *mp*, *mp*.

Section 2: E Symmetrical
Measures 19-20. Key signature: one sharp (F#). Time signature: 3/4. Dynamics: *mf*, *mp*, *f*, *mf*, *mp*.

Section 3: D flat wholetone
Measures 20-21. Key signature: two flats (Bb and Eb). Time signature: 7/8. Dynamics: *mp*, *mf*, *p*, *mp*, *mf*, *mp*.

Section 4: E flat mixolydian
Measures 21-22. Key signature: three flats (Bb, Eb, and Ab). Time signature: 6/8. Dynamics: *mf*, *mp*, *mp*.

22 *mp*

pp *p* *mp* *mf*

f *mp* *mf*

f *mf* *p*

23 *mp* *mf* *mp*

mf

24 *mp* *mf* *mf*

mp *p*

25 *p* *mp* *mf*

f *f* *mf*

dodecaphonic

A oriental

G phrygian

E flat enigmatic

mp p

♩ = 72 F double harmonic

26 mp

mf mp

♩ = 120 A hungarian minor

27 mp p

mp mf

f mf p

♩ = 84 E flat dorian

28 mp mf

mf p

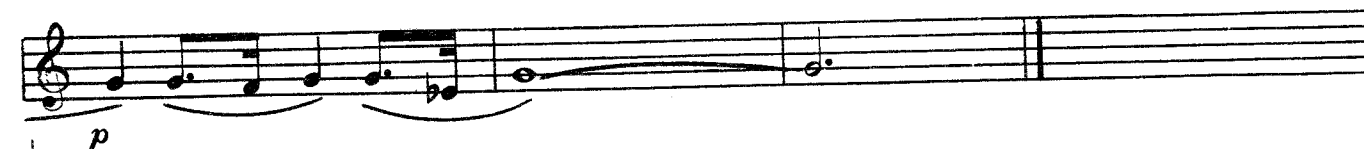
♩ = 104 D pentatonic

29 f p

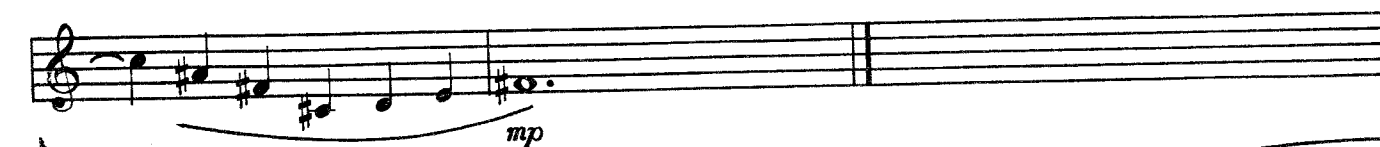
Detailed description: This page of a musical score for guitar contains eight staves of music. The first staff is a single line with a treble clef, featuring a melodic line with dynamic markings of mezzo-piano (mp) and piano (p). The second staff, starting at measure 26, is in 6/8 time and features a double harmonic F scale. The third staff continues the melodic line with mezzo-forte (mf) and mezzo-piano (mp) dynamics. The fourth staff, starting at measure 27, is in 3/4 time and features an A Hungarian minor scale. The fifth staff continues the melodic line with mezzo-piano (mp) and mezzo-forte (mf) dynamics. The sixth staff continues the melodic line with forte (f), mezzo-forte (mf), and piano (p) dynamics. The seventh staff, starting at measure 28, is in 5/4 time and features an E-flat Dorian scale. The eighth staff, starting at measure 29, is in 3/8 time and features a D pentatonic scale. The score includes various musical notations such as treble clefs, time signatures, key signatures, and dynamic markings.



♩ = 96 G major locrian



♩ = 72 F sharp lydian minor



♩ = 128 D flat overtone



♩ = 120 B phrygian

33 

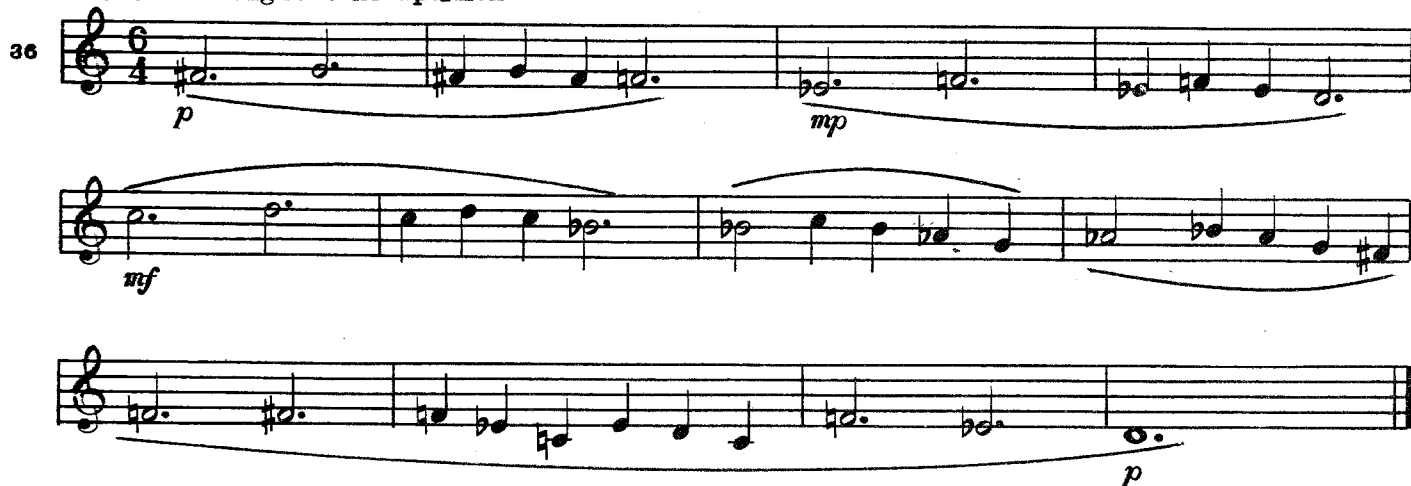
♩ = 76 E leading whole tone

34 

♩ = 60 F sharp hungarian major

35 

♩ = 108 D eight tone spanish

36 

♩ = 120 A lydian

37

mp

mf

p

♩ = 72 E symmetrical

38

p

mf

mp

p

♩ = 96 G flat wholetone

39

mf

p

f

mf

mp

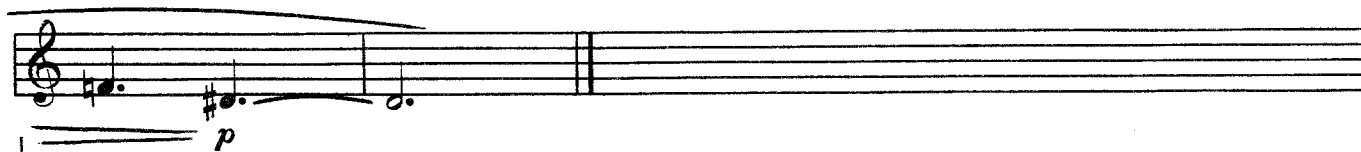
♩ = 78 D mixolydian

40



♩ = 60 dodecapronic

41



♩ = 96 E flat oriental

42



♩ = 66 F sharp phrygian

43



mp *mf* *f*

mf *mp* *p* *pp*

♩ = 72 **F enigmatic**

44 *mp* *mp*

mf *f*

mf *p*

♩ = 48 **C sharp oriental**

45 *mf* *mp* *mp*

mf *mp*

♩ = 84 **B neopolitan minor**

46 *mp* *p*

3 3 3

The musical score is written for a single melodic line on a grand staff (treble and bass clefs). It consists of several measures, each representing a different musical scale or mode. The dynamics are indicated by letters below the notes: *mp* (mezzo-piano), *mf* (mezzo-forte), *f* (forte), and *p* (piano). The scales are labeled as follows:

- Measure 1:** *mp* (mezzo-piano), *mf* (mezzo-forte). The scale is *F super locrian*.
- Measure 2:** *f* (forte), *mf* (mezzo-forte), *mp* (mezzo-piano). The scale is *A flat neopolitan major*.
- Measure 3:** *f* (forte), *mf* (mezzo-forte), *mp* (mezzo-piano). The scale is *E octonic*.

The score includes various musical notations such as treble and bass clefs, time signatures (e.g., 5/4, 3/8, 6/4), and dynamic markings. The scales are labeled as *F super locrian*, *A flat neopolitan major*, and *E octonic*. The dynamics are indicated by letters: *mp*, *mf*, *f*, and *p*.

50

$\text{♩} = 66$ dodecaphonic

f *mf* *mp*

mp *mf* *f* *mf* *mp*

p

The musical score consists of five staves. The first staff contains measures 48 and 49. The second staff, starting at measure 50, is marked 'dodecaphonic' and contains measures 50 through 53. Measures 50 and 51 are marked *mp* and *mf* respectively. Measures 52 and 53 are marked *f* and *mf* respectively. The third staff contains measures 54 and 55, marked *f* and *mf* respectively. The fourth staff contains measures 56 and 57, marked *mf* and *mp* respectively. The fifth staff contains measure 58, marked *p*. The score includes various musical notations such as eighth notes, quarter notes, and half notes, as well as dynamic markings and articulation marks like slurs and accents. Triplet markings (3) are present in measures 51, 52, 53, 54, and 56.

20th CENTURY HARMONIC DICTATION
AND FOUR PART SIGHT SINGING

1

Handwritten notes for exercise 1:

1. 57 7ms Gms F#7ms C3! 3! add4 Am 7 36 C7ms Em add2 Gb7+ F7+

(C3b5) (F#7) (Em)

2

Handwritten notes for exercise 2:

1. add4 7ms (Gb7ms) C7ms A7ms F7ms Gb7 (5! 7ms) F7ms G add4 G7ms

(4x4) (11) (4x1)

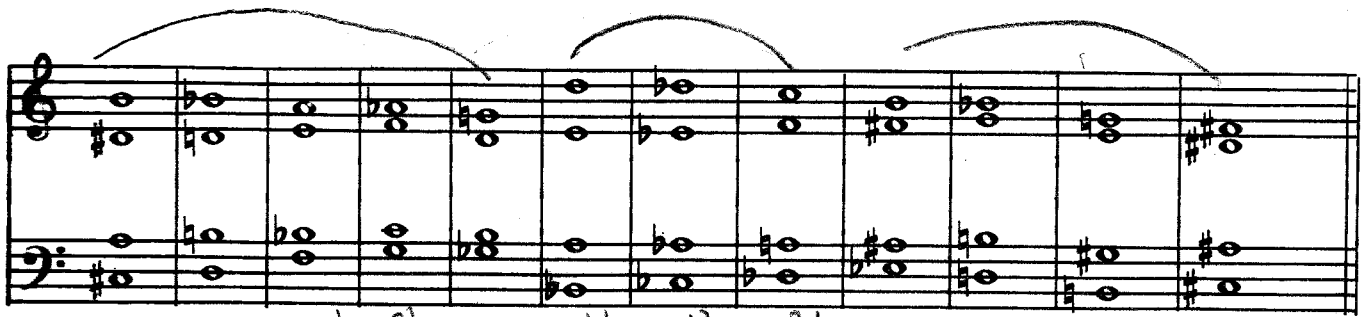
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Handwritten notes for exercise 3:

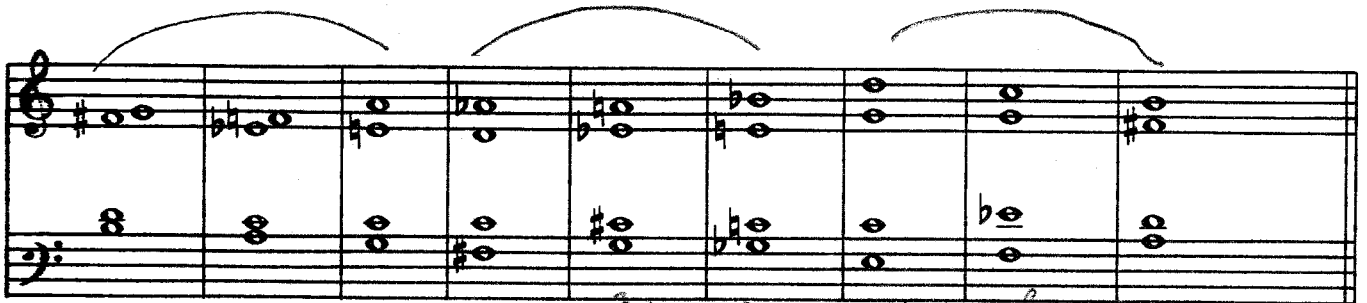
2 1 add4 7ms Gb7ms A7ms 3! 7ms Gm 4ms 4ms 4ms Gm 7 C7+ (015)

(F7ms) (A7ms)

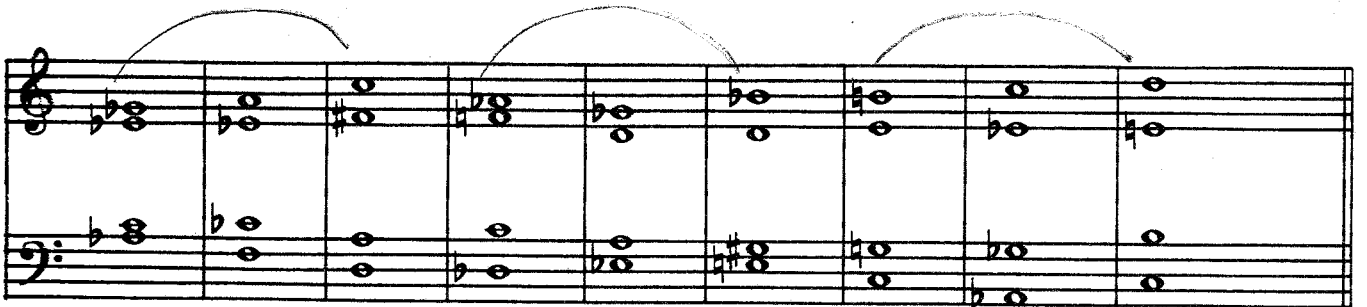
(0257) (0257) (0257)



B_7^9 Bb_7^{11} F_7^{11b} G_7^{9b} G_7^{11} Bb_7^{11+} Cb_7^{13} D_7^{9+} G_7^{13} E_7^{13} D_7^{11+}
 C_7 D (4m) G_b D B C_7

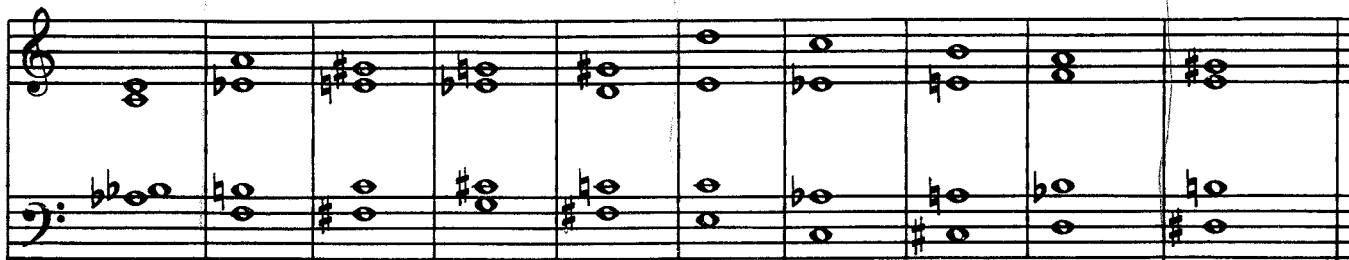


G_7^{11+} F_7^{11} A_7^{11} D_7^{9b} A_7^{9b} C_7^{9b} E_7^{13} F_7^{13} B_7^{11+}
 B A G F_7 G G_b A

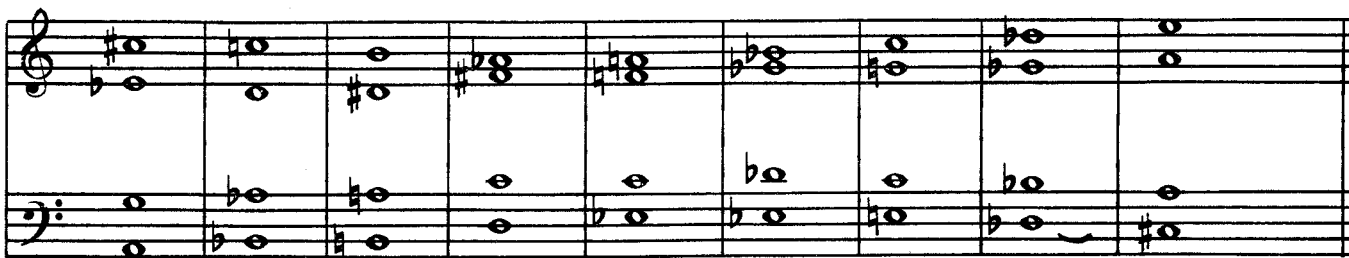


A_7^{11+} F_7^{9b} D_7^{11+} D_7^{9+} G_7^{11} F_7^{9b} C_7^{11+} A_7^{9} C_7^{11+}
 F_7^{9b}

7



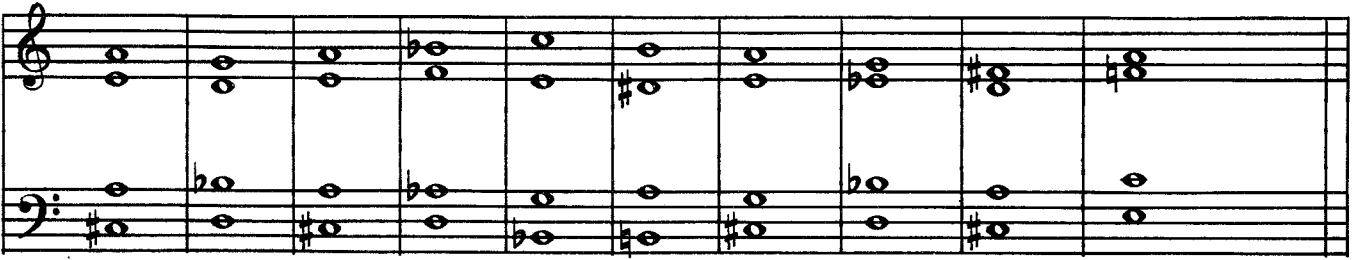
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9



10



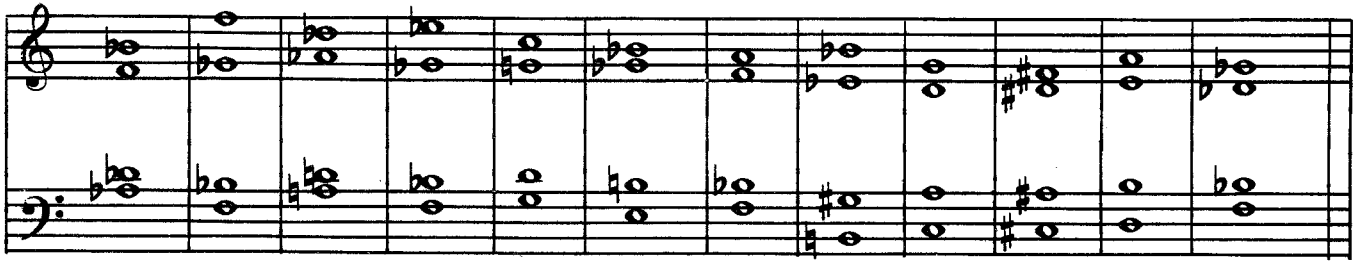
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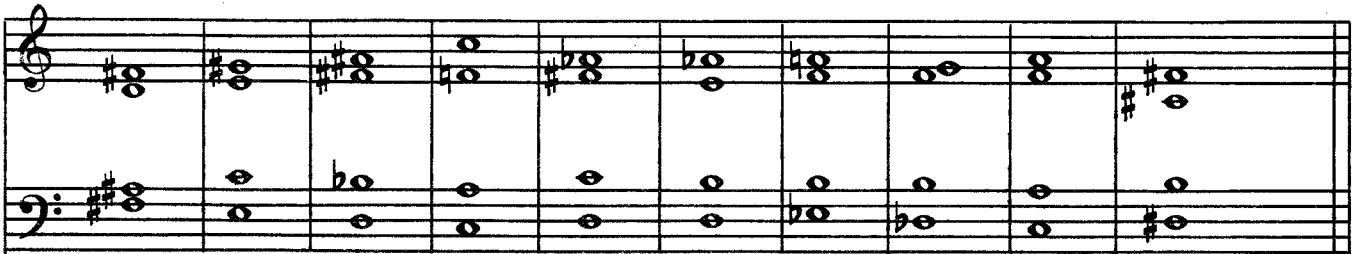
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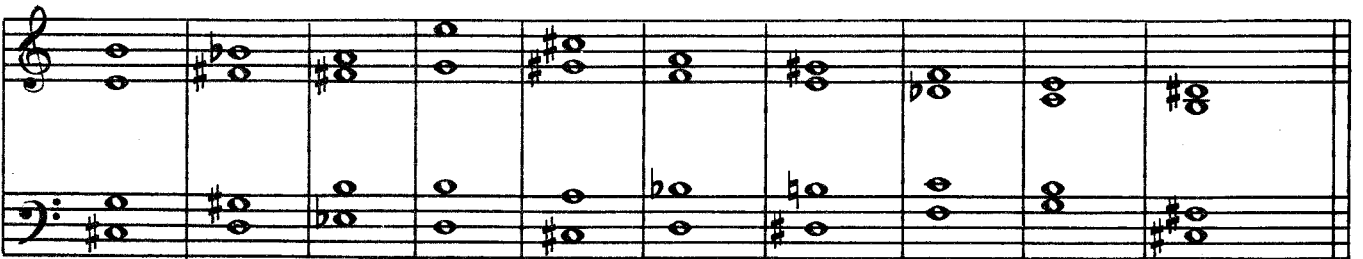
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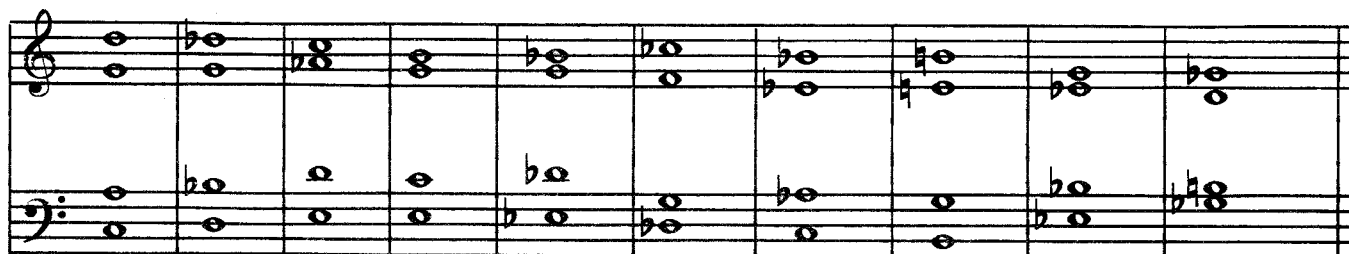
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16



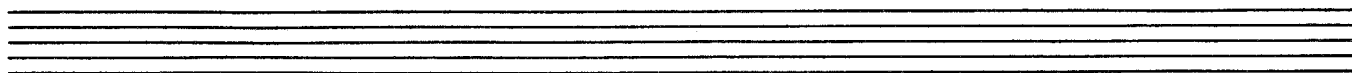
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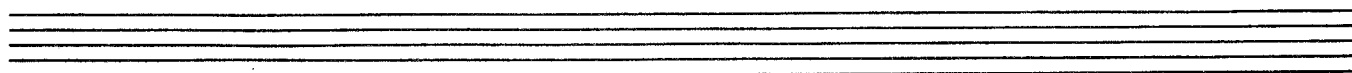
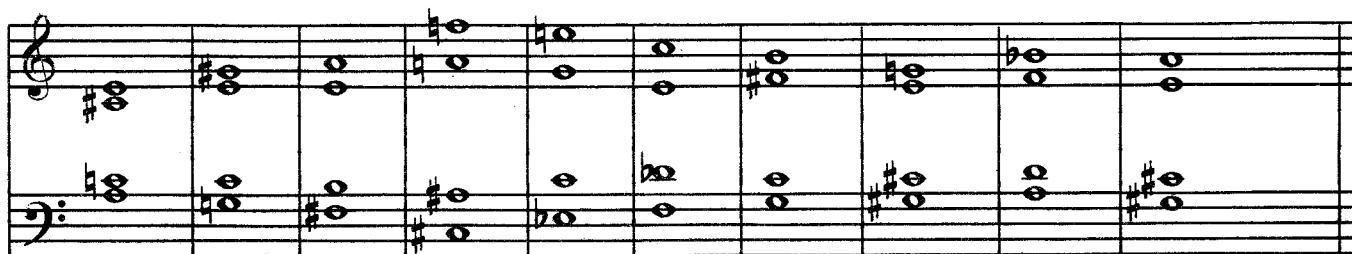
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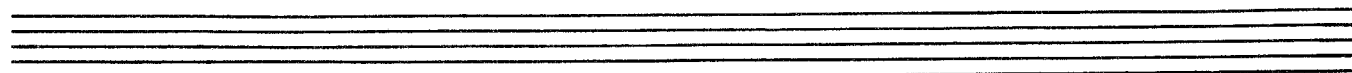
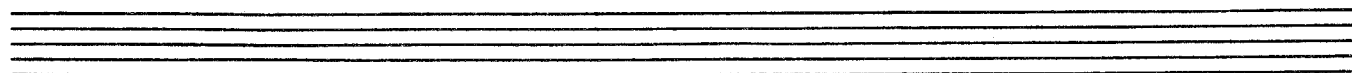
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20



21



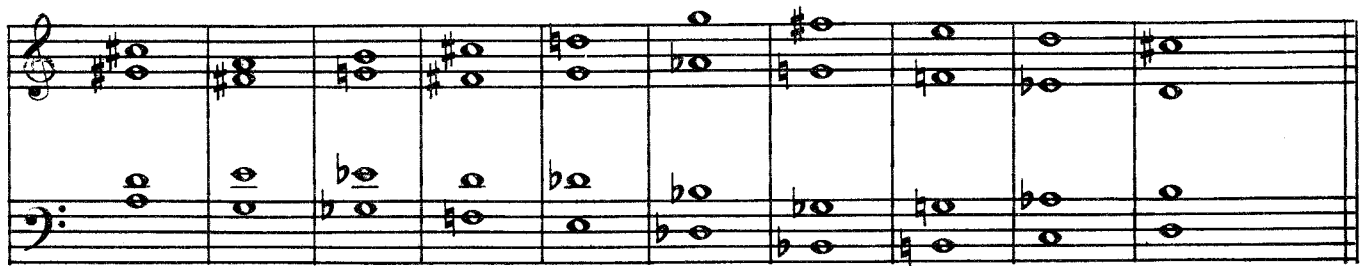
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23



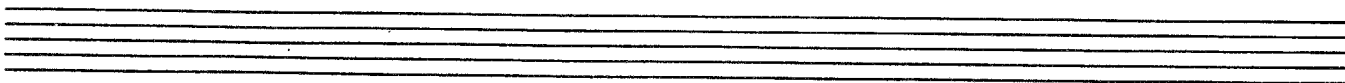
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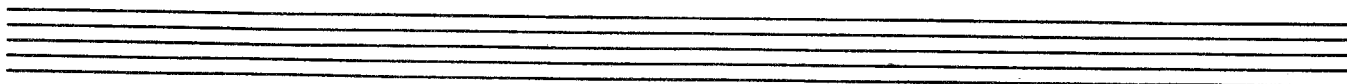
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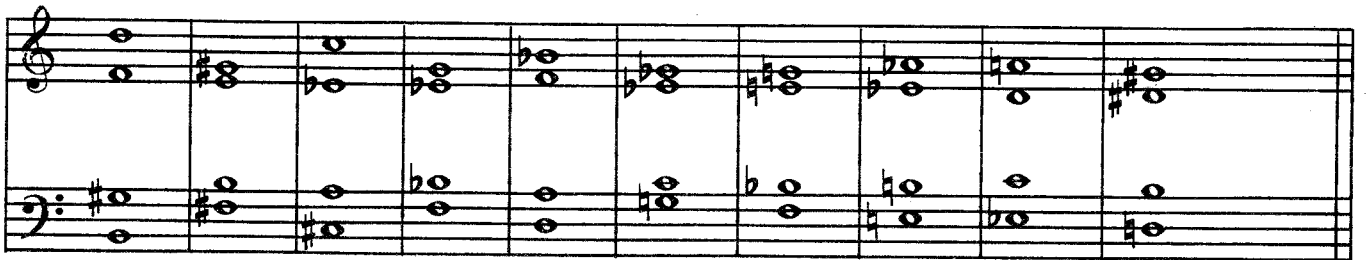
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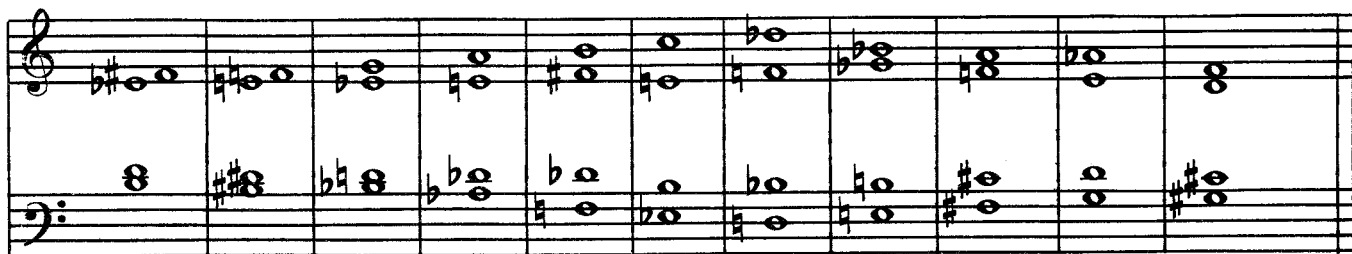
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30



31



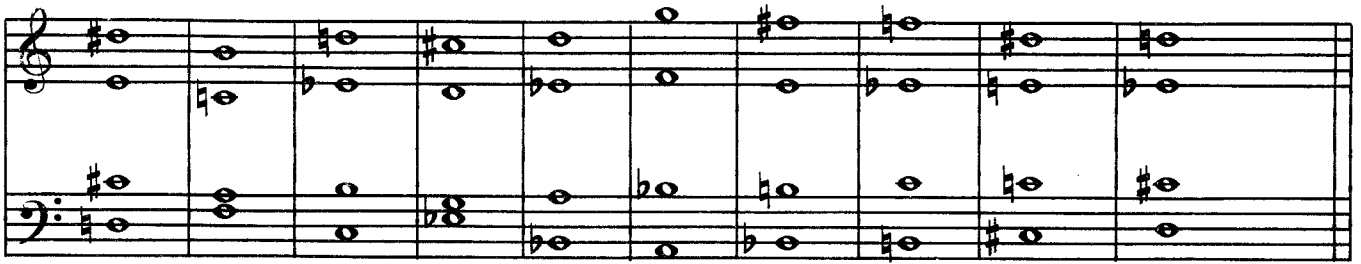
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33



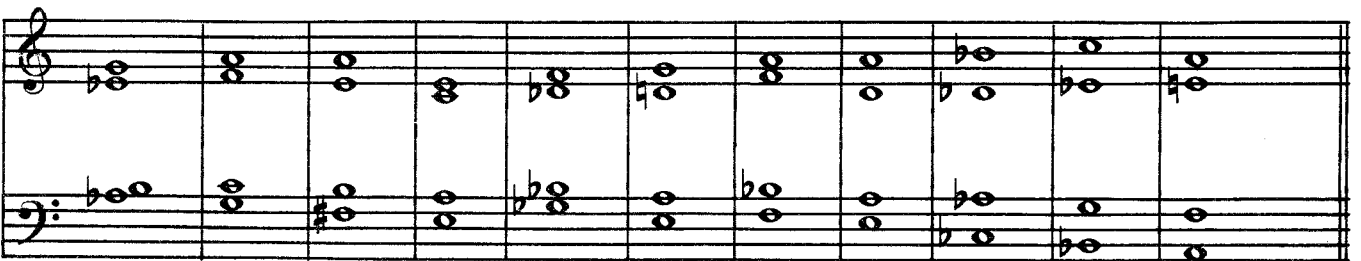
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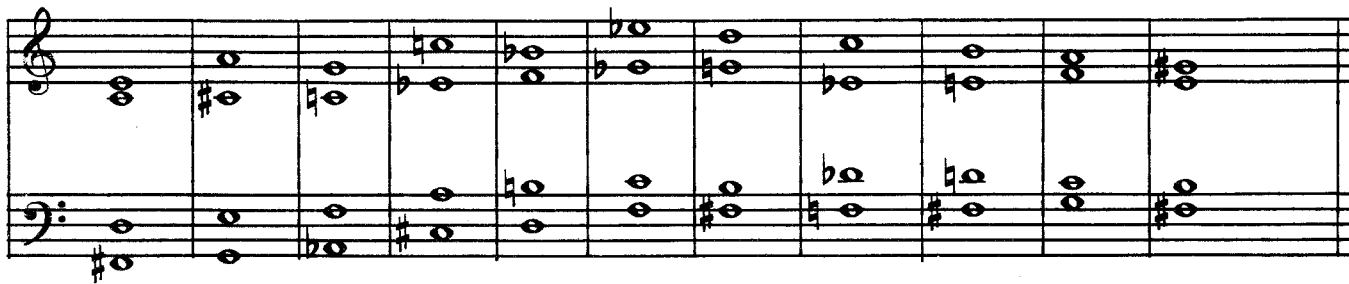
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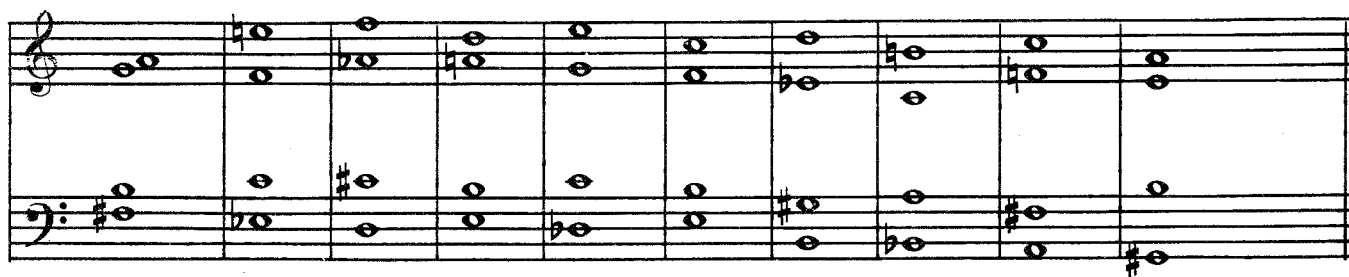
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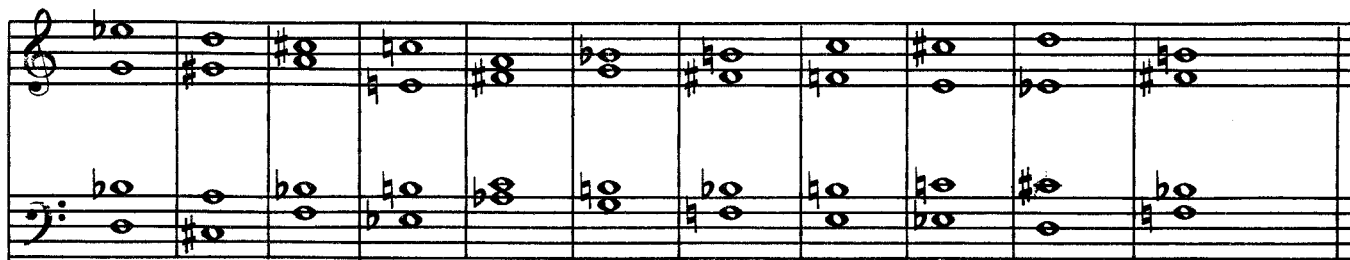
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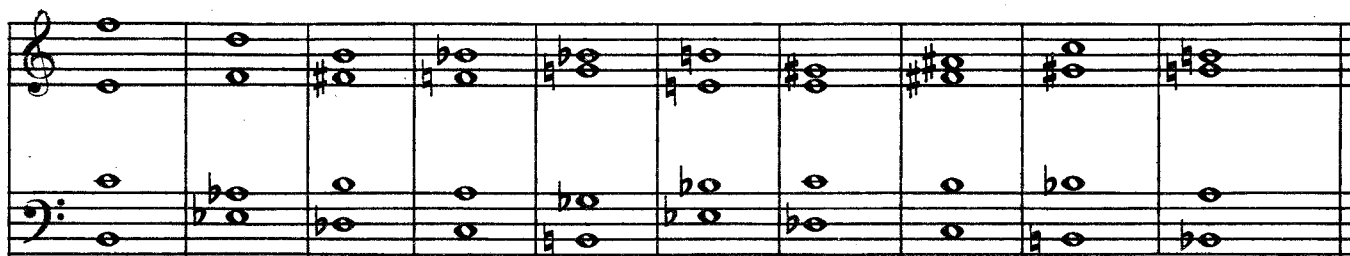
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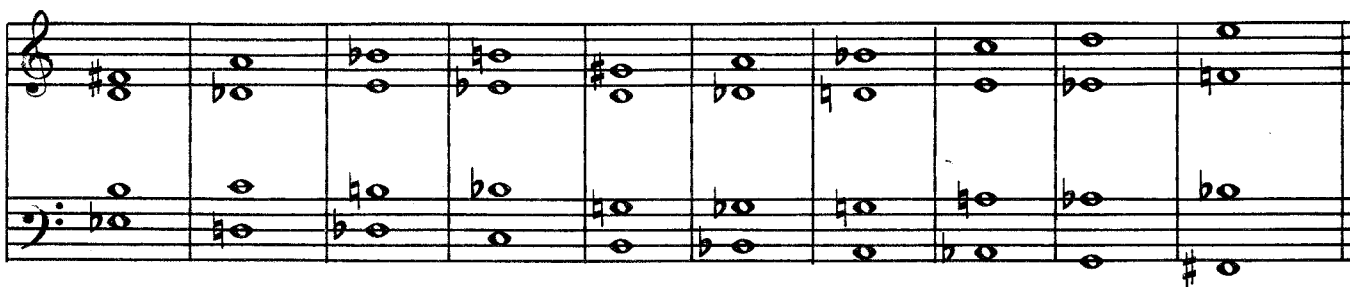
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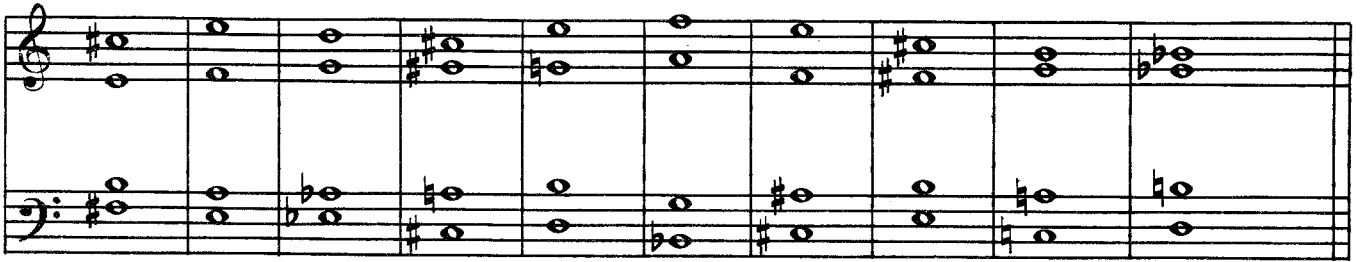
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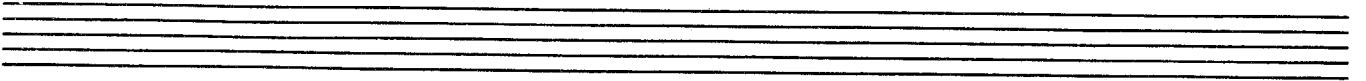
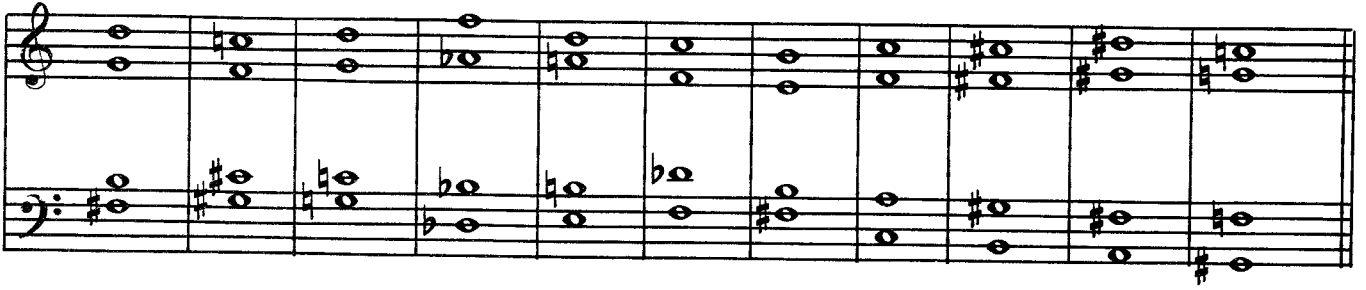
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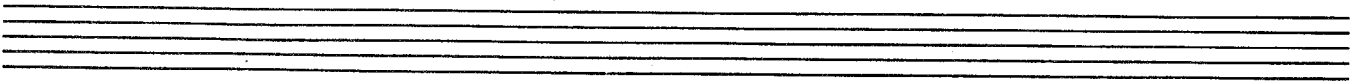
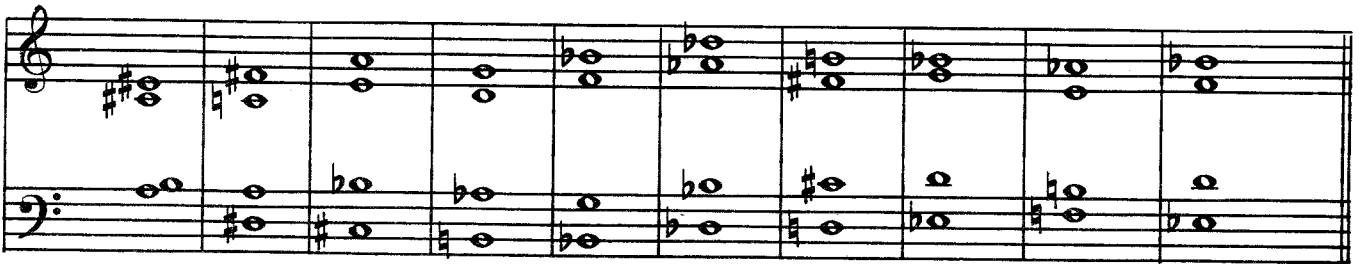
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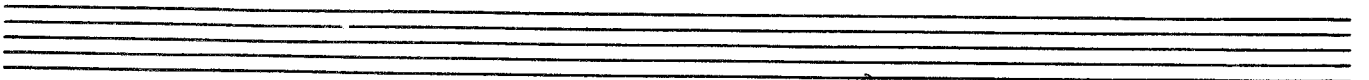
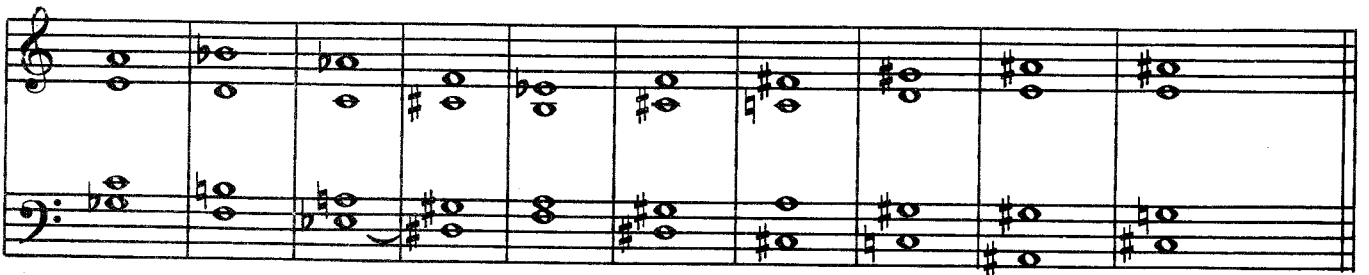
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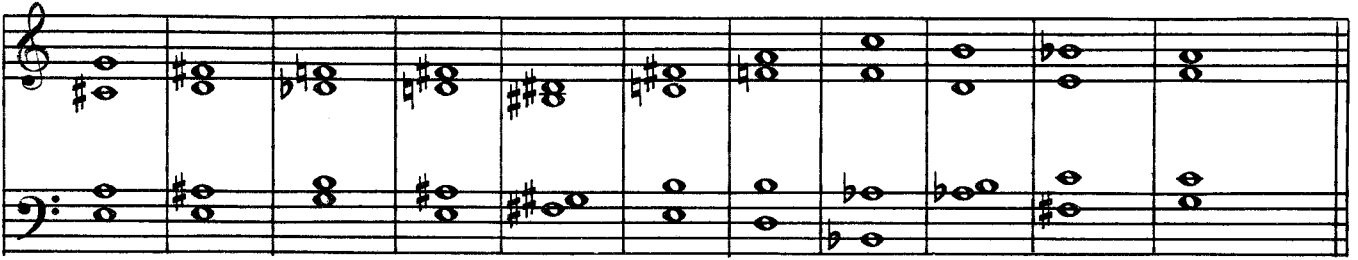
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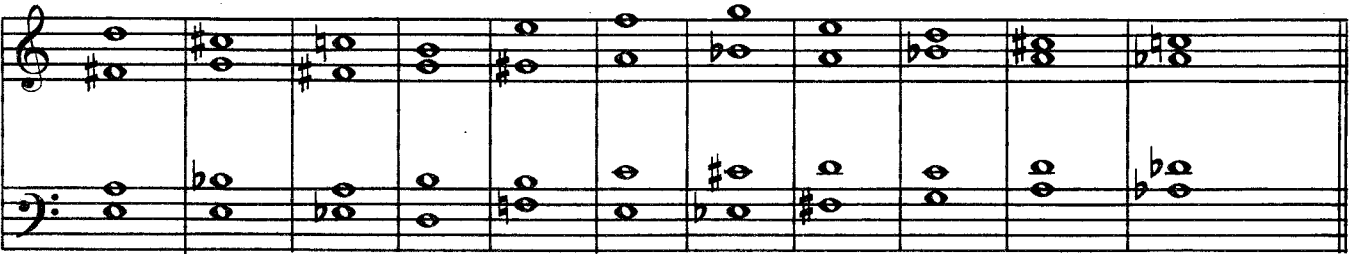
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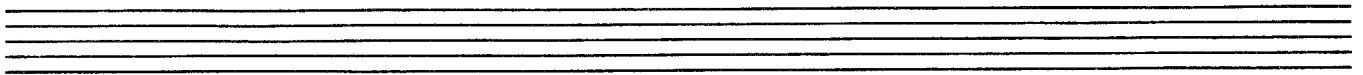
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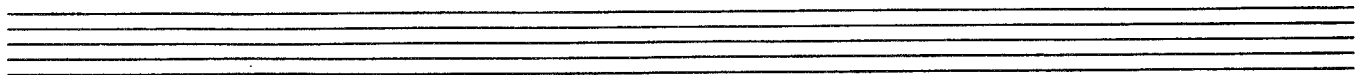
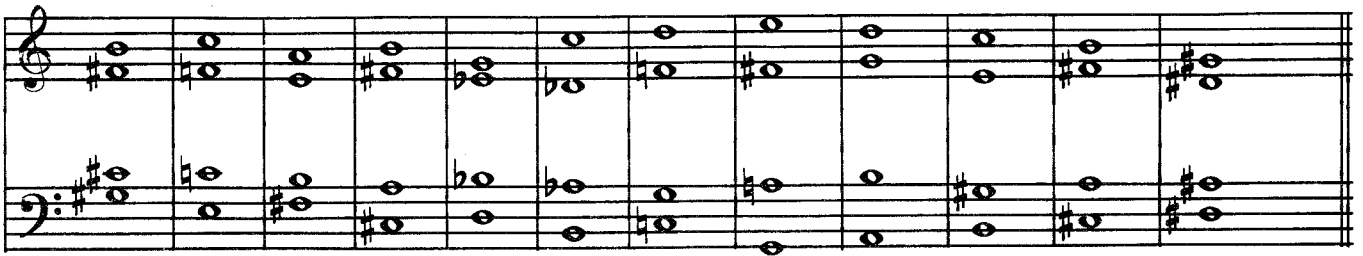
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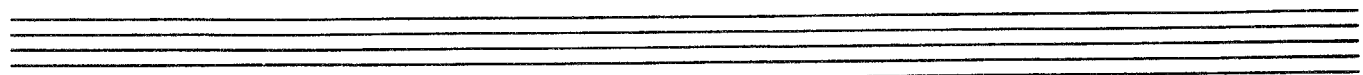
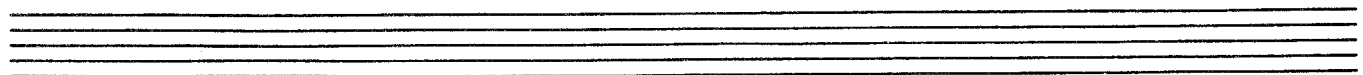
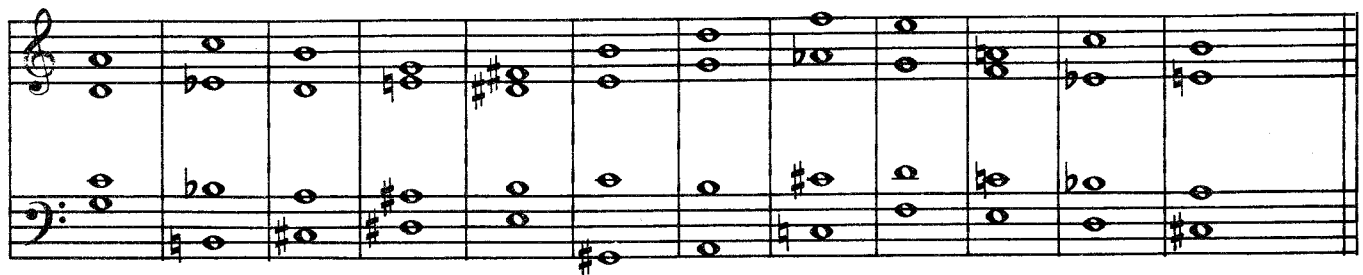
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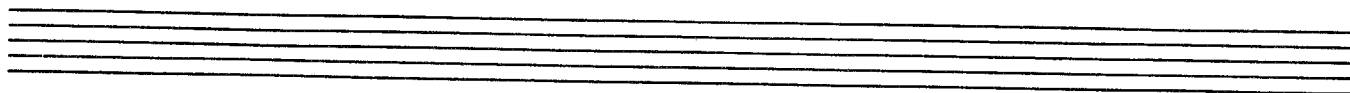
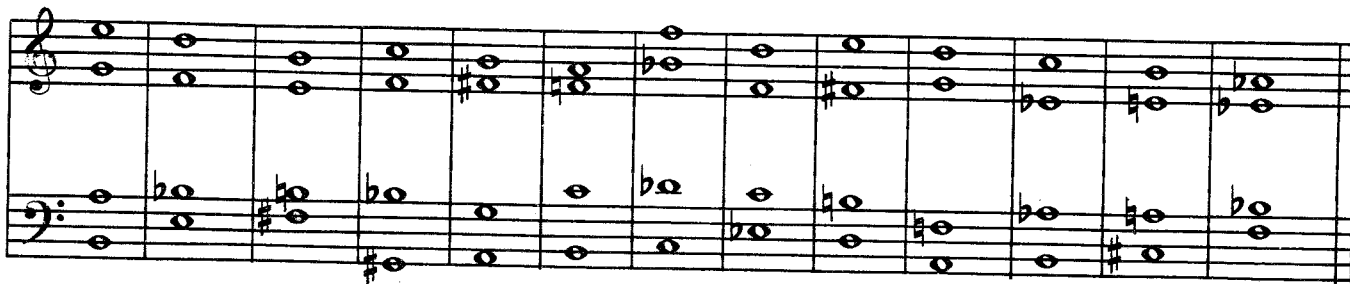
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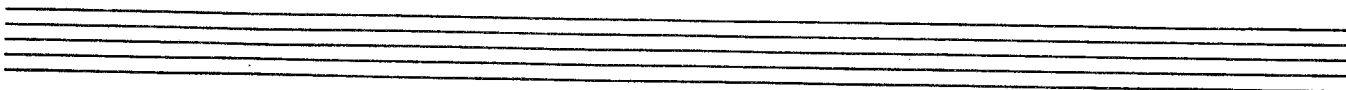
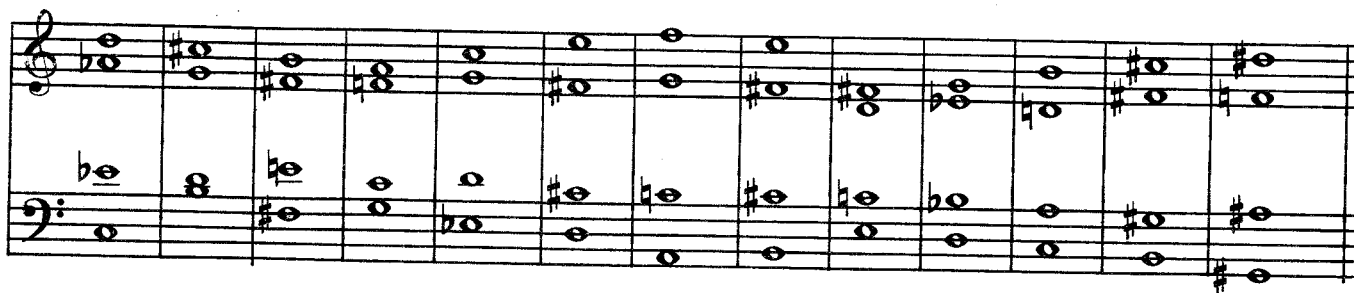
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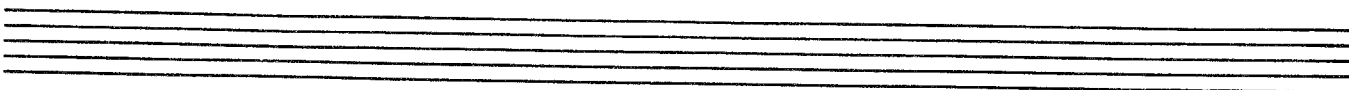
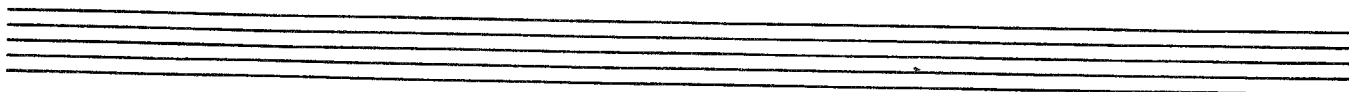
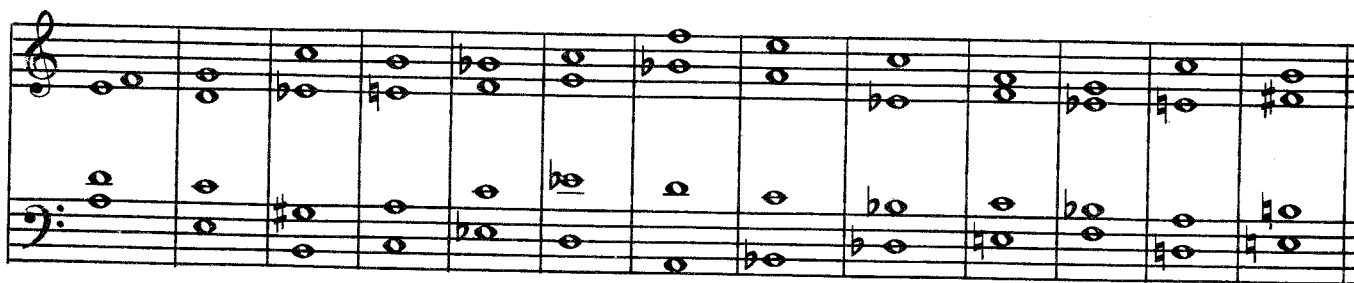
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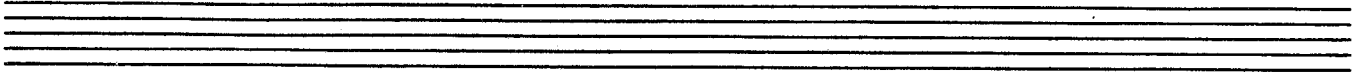
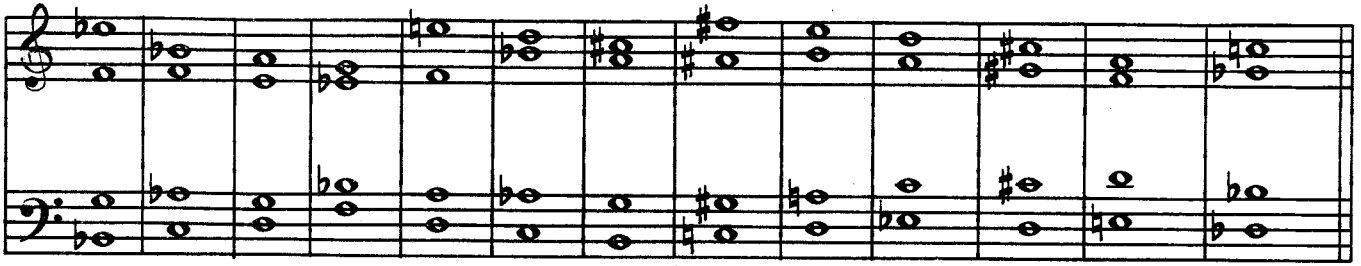
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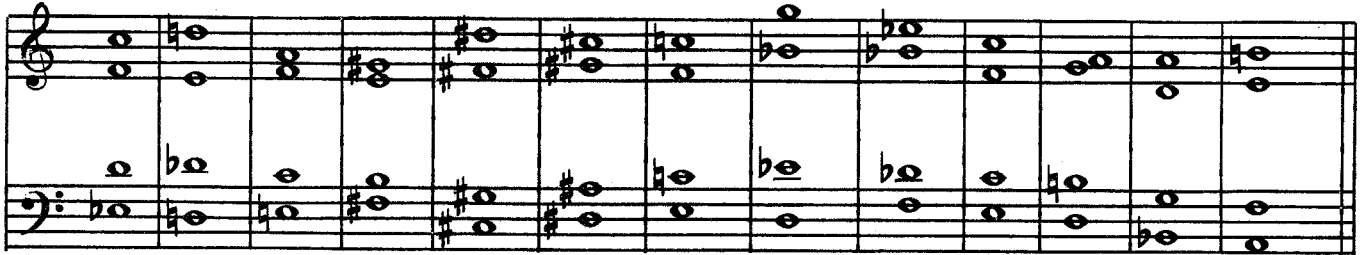
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58



59



60

