



Liana Alexandra

Roumania, Bucarest

Harmony Exercises (manuel)

About the artist

Liana Alexandra Composer Born: May 27, 1947, Bucharest, Romania Married to Serban Nichifor, composer: http://www.free-scores.com/partitions_gratuites_serbannichifor.htm

Studies

1965-1971 - "Ciprian Porumbescu" University of Music, Bucharest, Composition Department. Awarded the special scholarship "George Enescu"

1974, 1978, 1980, 1984 - international courses of composition at Darmstadt, West Germany

1983 - an USIA stipendium in USA

PhD in Musicology

AT PRESENT: Master in music; Professor at the National University of Music of Bucharest, (teaching composition, orchestration and musical analyses), Member of Duo Intermedia and co-director of the NUOVA MUSICA CONSONANTE-LIVING MUSIC FOUNDATION INC.(U.S.A) Festival, with Serban Nichifor

Selected Works

Symphonic, vocal-symphonic and concert music, music for opera

Symphony I (1971)

Cantata for women's choir and... (more online)

Qualification: PROFESSOR DOCTOR IN COMPOSITION AND MUSICOLOGY

Associate: GEMA - IPI code of the artist : I-000402252-8

Artist page : <https://www.free-scores.com/Download-PDF-Sheet-Music-lianaalexandra.htm>

About the piece



Title: Harmony Exercises (manuel)
Composer: Alexandra, Liana
Copyright: Copyright © Liana Alexandra
Publisher: Alexandra, Liana
Instrumentation: Music theory
Style: Modern classical

Liana Alexandra on [free-scores.com](https://www.free-scores.com)



- listen to the audio
- share your interpretation
- comment
- contact the artist

Conferențiar Universitar Dr. LIANA ALEXANDRA MORARU

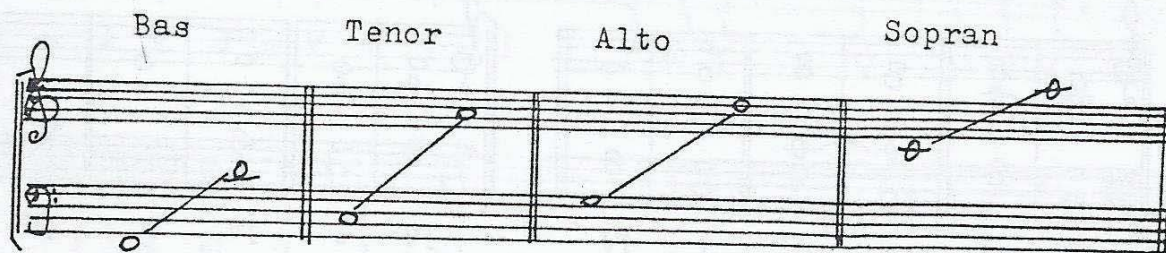
EXERCITII DE ARMONIE

Conferențiar Universitar Dr. LIANA ALEXANDRA MORARU

EXERCITII DE ARMONIE

(I)

I) Intinderea vocilor umane:

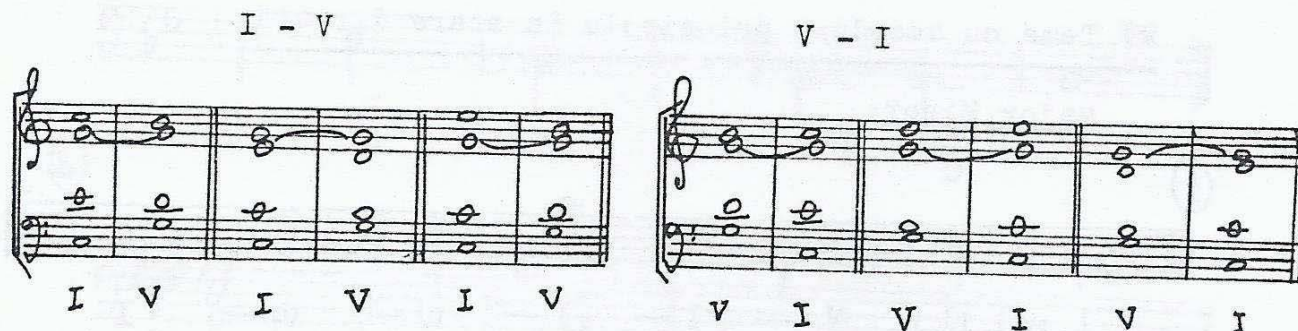


II) Distanțele între voci:

- | | | |
|--------|---|--------------------------------------|
| Sopran | } | → cel mult o octavă, rar decima; |
| Alto | | |
| Tenor | } | → mai puțin de o octavă, rar octava |
| Bas | | |
| | } | → peste octavă, evitînd exagerările; |
| | | |

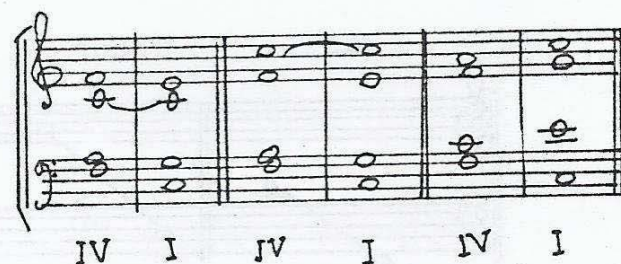
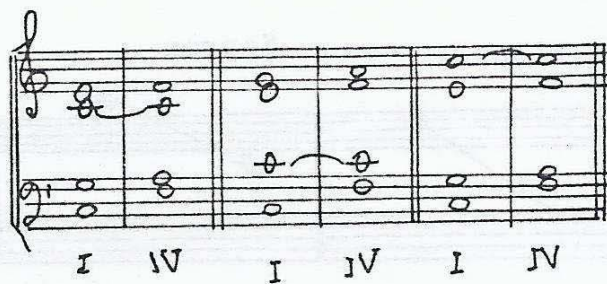
III) Inlănțuirile acordurilor principale:

- 1) Tonică - Dominantă (I-V)
- 2) Dominantă - Tonică (V-I)
- 3) Tonică - Subdominantă (I-IV)
- 4) Subdominantă - Tonică (IV-I)
- 5) Subdominantă - Dominantă (IV-V)



I - IV

IV - I



I - IV - V - I

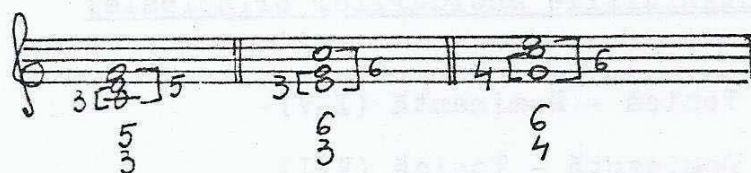


IV) Cifrajul acordurilor:

a)

b)

c)



a) Stare directă

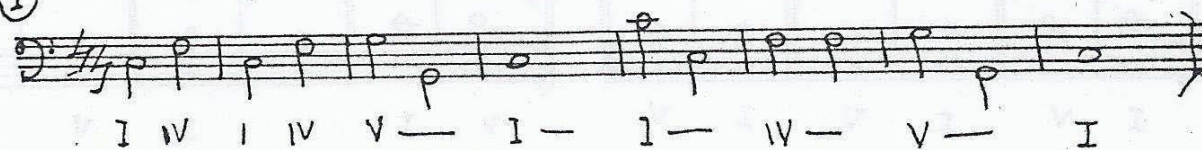
b) Răsturnarea I-a

c) Răsturnarea a II-a

V) Teme cu acorduri principale în stare directă.

Major, Minor:

①



②

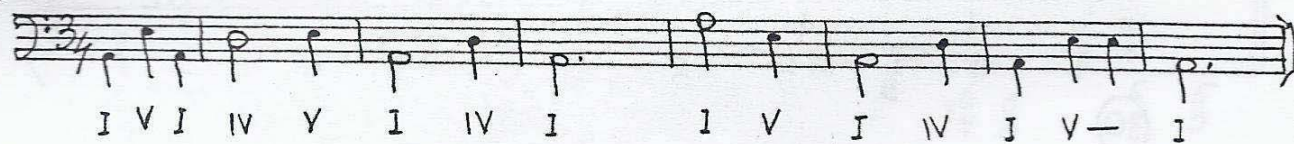


③

- 3 -



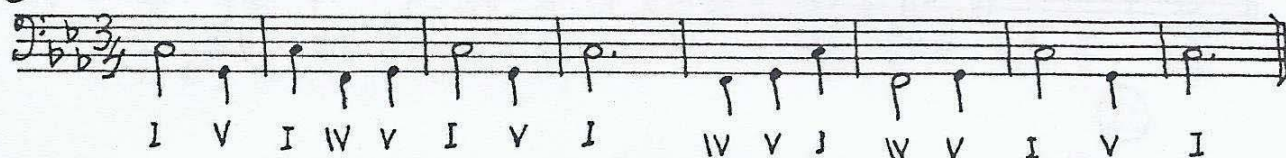
④



⑤



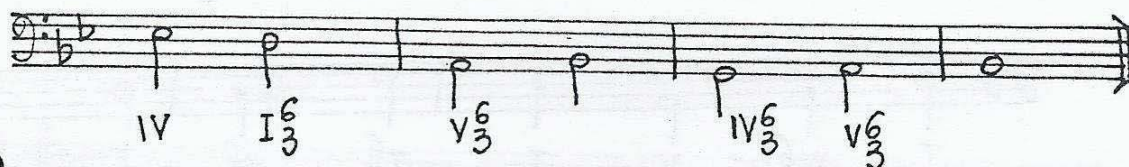
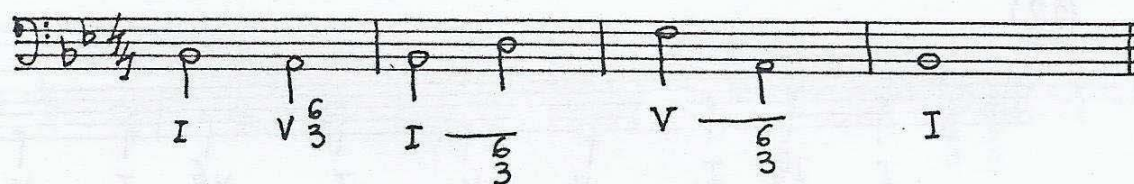
⑥



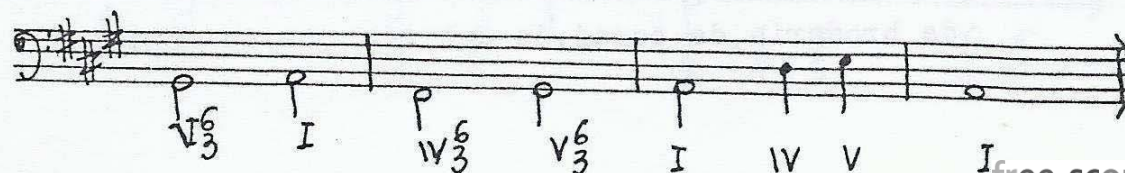
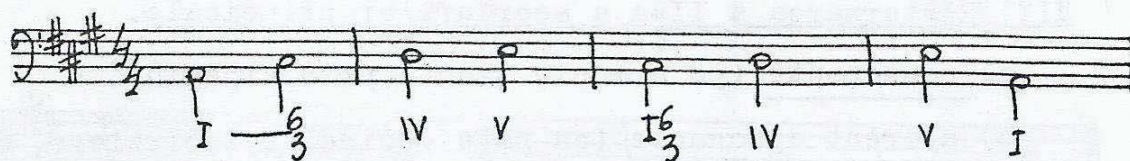
VI) Teme cu acorduri principale în Răsturnarea I-a.

(Major, Minor)

⑦



⑧



9

10

11

12

VII) Răsturnarea a II-a a acordurilor principale.

a) consonante (pe armonie ținută, prin arpeggiu)

b) aparent disonante (cu note vecine; de întârziere, de apogiatură de broderie, de pasaj, de anticipație, de echappeé).

Exemple:

VIII) Teme cu acorduri principale în Răsturnarea a II-a.

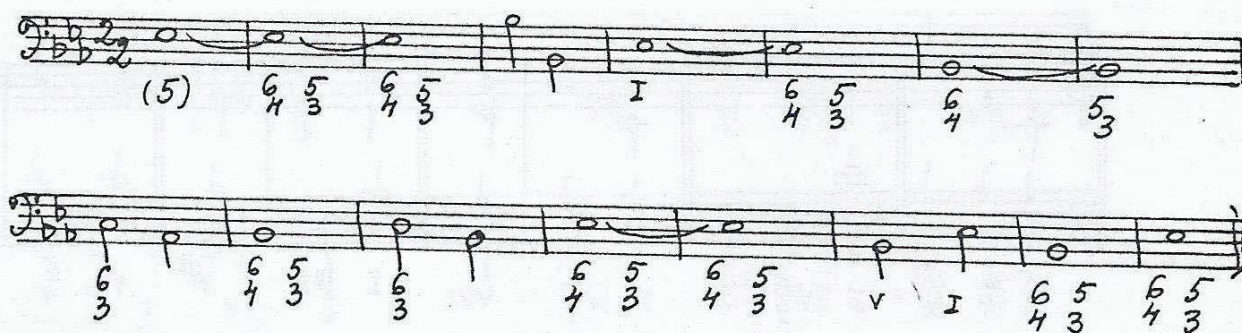
(13)

(14)

15



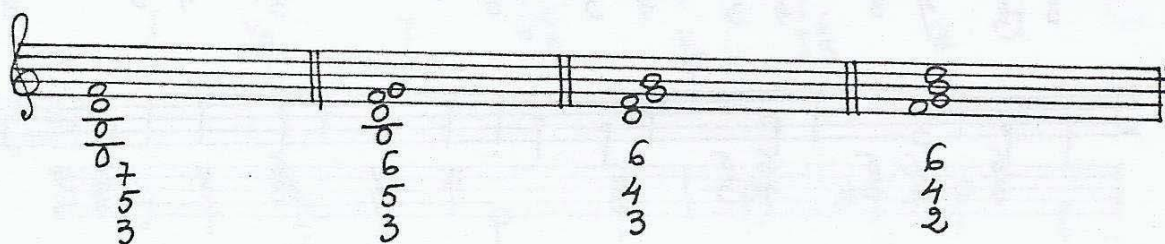
16



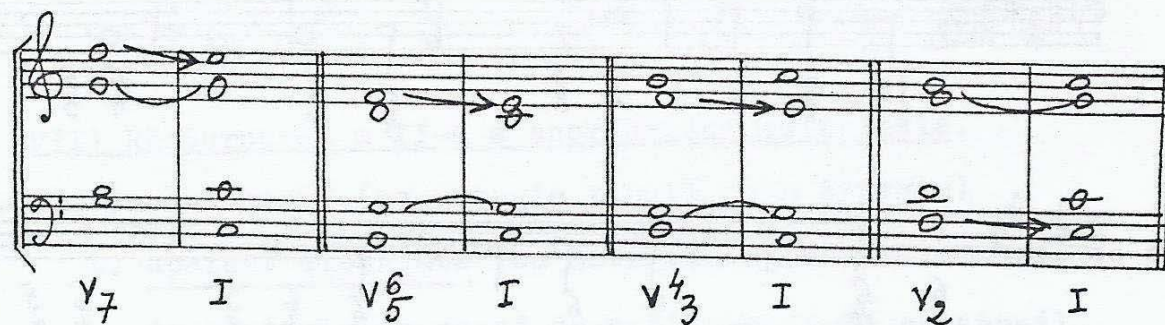
IX) Acordul de septimă de dominantă.

a) cifraj:

stare directă răsturnarea I răsturnarea II răsturnarea III



b) rezolvarea septimei:



X) Teme cu acordul de septimă de dominantă.

17

Handwritten musical exercise 17 in 4/4 time, bass clef. The exercise consists of two staves. The first staff contains the following notes and chords: I, V7, I, V⁶/₅, I, IV₃, V, and a final note with a fermata. The second staff contains the following notes and chords: I₆, V⁴/₃, I, IV, I⁶/₃, V⁴/₃, I, V⁶/₅, and I.

18

Handwritten musical exercise 18 in 3/4 time, bass clef. The exercise consists of two staves. The first staff contains the following notes and chords: I, V⁶/₅, I, a half note with a ⁶/₃ chord, IV, a half note with a ⁶/₃ chord, and V with a fermata. The second staff contains the following notes and chords: I⁶/₃, 5, V⁶/₅, I, V⁴/₃, I, V⁶/₅, and I.

19

Handwritten musical exercise 19 in 4/4 time, treble clef. The exercise consists of two staves. The first staff contains the following notes and chords: I, a half note with a ⁶/₃ chord, V₂, I⁶/₃, V⁴/₃, I, V⁶/₅, and I. The second staff contains the following notes and chords: IV⁶/₃, V₇, I⁶/₃, IV, I⁶/₃, V⁴/₃, and I.

20

Handwritten musical exercise 20 in 3/4 time, bass clef. The exercise consists of two staves. The first staff contains the following notes and chords: I, a half note with a ⁶/₅ chord, I, IV, I⁶/₃, I, and V⁴/₃. The second staff contains the following notes and chords: I⁵/₃, V₂, I⁶/₃, IV, V₇, and I.

Conferențiar Universitar Dr. LIANA ALEXANDRA MORARU

EXERCITII DE ARMONIE

(II)

Cînturi date pentru a fi armonizate cu acordurile treptelor I,IV,V,
în stare directă, răsturnarea I-a și răsturnarea a II-a și cu acor-
dul de septimă de dominantă.

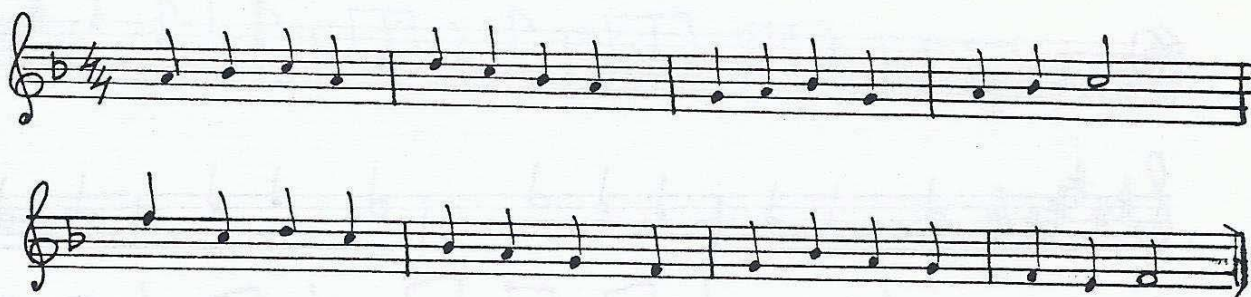
①



②



③



④

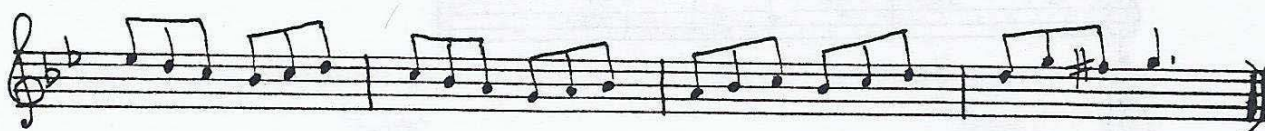
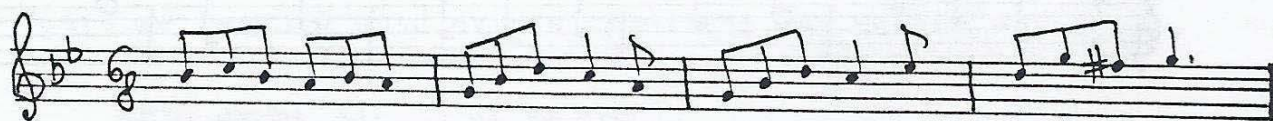




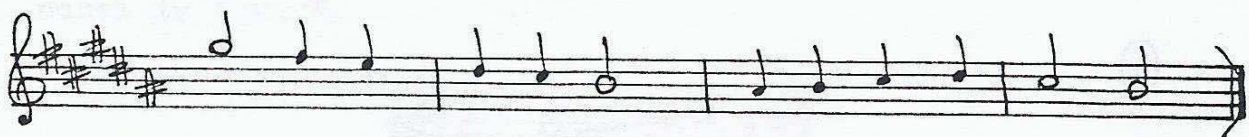
⑤

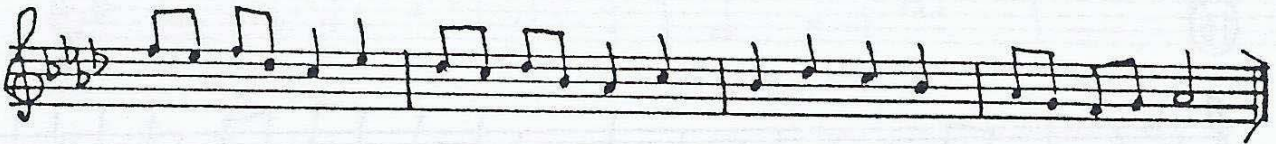


⑥



⑦



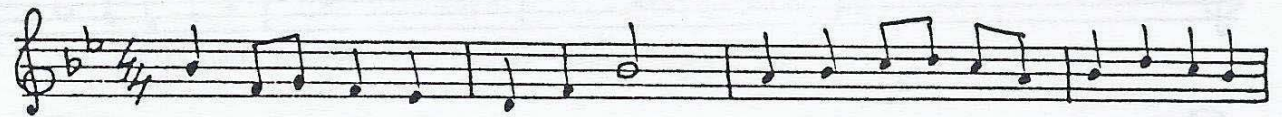




(12)



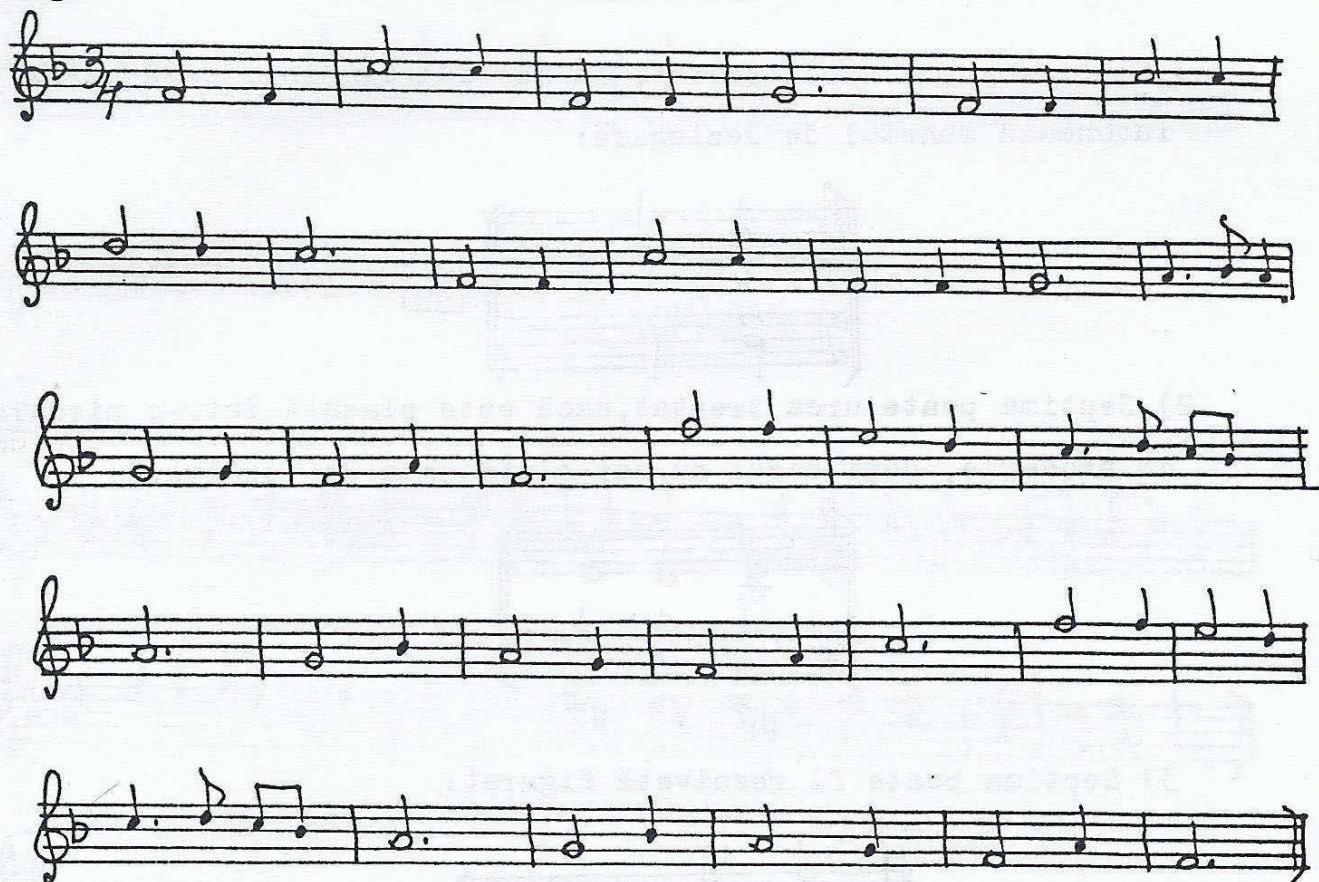
(13)



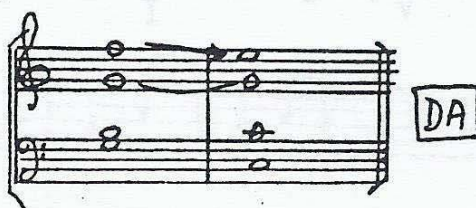
(14)



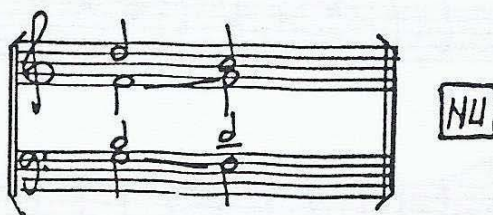
15



I. Rezolvarea firească a septimei se realizează prin coborîre treptată la aceeași voce:

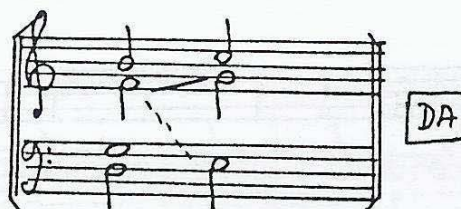


II. Se recomandă să se evite schimbul simultan între două voci a septimei cu fundamentală și viceversa:



III. Rezolvări excepționale ale septimei:

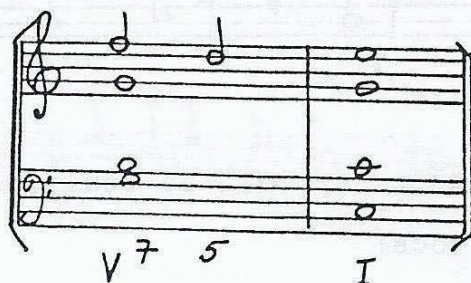
- 1) Septima poate urca treptat, în acordul următor, dacă basul intonează sunetul de dezlegare:



- 2) Septima poate urca treptat, dacă este plasată într-o mișcare de broderie, deși basul nu mai cântă nota de rezolvare:



- 3) Septima poate fi rezolvată figurat:

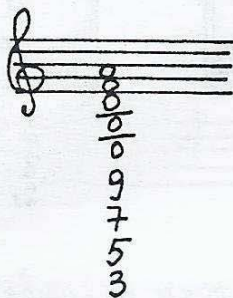


Acordul de nonă de dominantă.

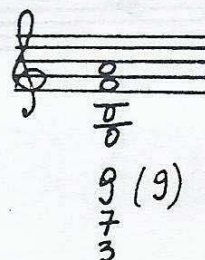
Cifrajul acordului de nonă de dominantă.

In stare directă:

cinci voci



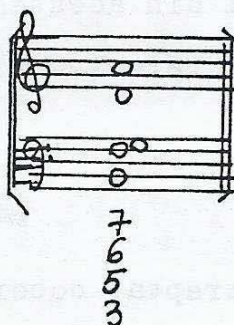
patru voci



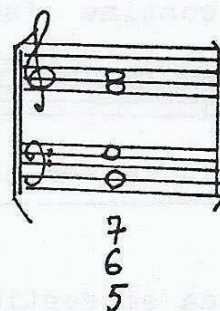
(a fost eliminată cvinta)

In răsturnarea I-a:

cinci voci

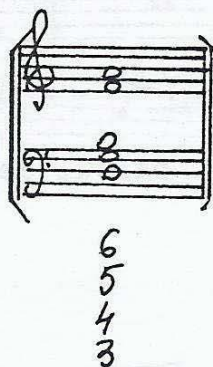


patru voci



In răsturnarea II-a:

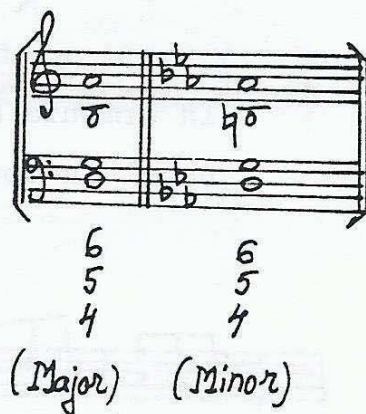
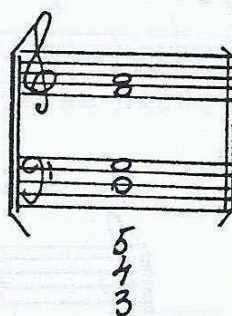
cinci voci



patru voci

fără sensibilă

cu sensibilă

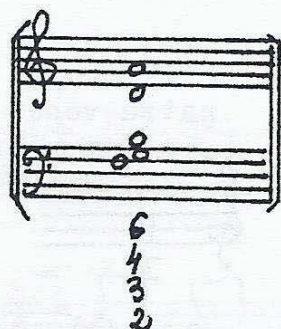


(Major)

(Minor)

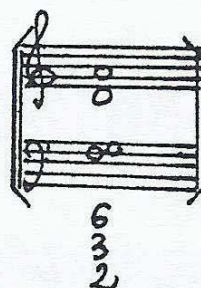
In răsturnarea a III-a:

cinci voci

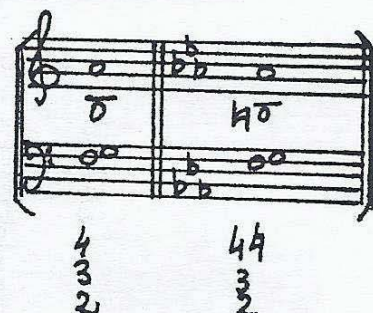


patru voci

cu cvintă



cu sensioilă

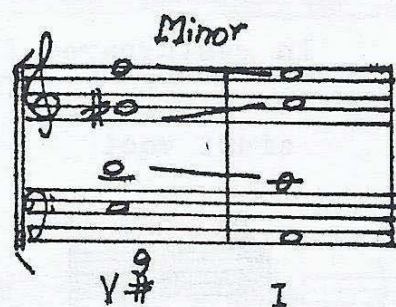
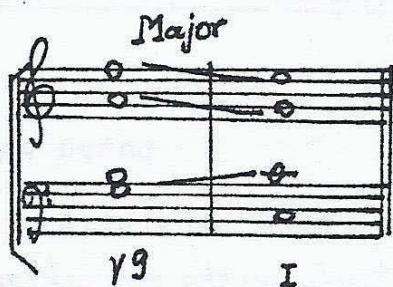


Răsturnarea a IV-a nu se folosește, deoarece al cincilea element al acordului este plasat la interval de nonă.

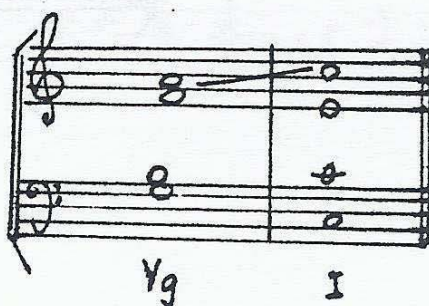
In cadrul armoniei la 4 voci, dacă se folosește acordul de nonă, care conține cinci sunete, se suprimă unul din acestea. Primul la care se renunță este cvinta, apoi mai rar terța (sensibila).

Rezolvarea acordului de nonă.

Nona, ca și septima se rezolvă prin mers treptat coboritor.



In armonia mai puțin severă se poate întâlni saltul de terță al nonei la tonică.



16

Handwritten musical notation for exercise 16, consisting of two staves in G major (one sharp) and 3/4 time. The first staff contains notes G4, A4, B4, C5, B4, A4, G4 with figured bass 7#, 6#4, 4#2, 6, 9#. The second staff contains notes F#4, E4, D4, C4, B3, A3, G3, F#3 with figured bass 65, 6, 6, 6 7 4 #, 9#, 6 5 4 3.

17

Handwritten musical notation for exercise 17, consisting of two staves in D minor (two flats) and 4/4 time. The first staff contains notes D4, E4, F4, G4, F4, E4, D4 with figured bass V, 6 4 6, IV, 6, V 9 6 7 9 4 3 9, 6 5 4 3 6 3. The second staff contains notes C4, B3, A3, G3, F3, E3, D3 with figured bass IV - V 9, I 6 V 4 3 I, V 7 6 9 7 4 7, 5 6 5 3 4 3.

18

Handwritten musical notation for exercise 18, consisting of two staves in G major (one sharp) and 4/4 time. The first staff contains notes G4, A4, B4, C5, B4, A4, G4 with figured bass 9, 6, 6 5 4 3, 6 7 4 7, 6, 7, 6 5 4 3. The second staff contains notes F#4, E4, D4, C4, B3, A3, G3 with figured bass 6 7 9 4, 6, 7 6 5 7 4 3, 5 6 5 3 4 3.

Conferențiar Universitar Dr. LIANA ALEXANDRA MORARU

EXERCITII DE ARMONIE

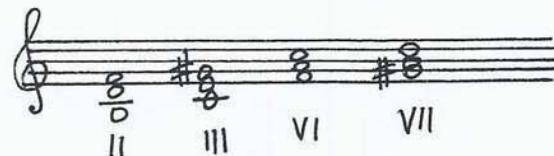
(III)

Acordurile secundare:

în Major:



în minor:



Acordurile secundare se integrează în sfera acordurilor principale și pot face supliniri ale acestora în felul următor:

Funcția principală

IV

I

V

Suplinire (cu acord secundar)

II sau VI

VI sau III

VII sau III

Exemple de cadențe și înlănțuiri armonice:

I - IV - II - V - I

I - IV - II - V - I

I - II - V - VI - I

I - III - IV - V - VI - IV - V - I

I - III - IV - V - VII - I

Dublări de sunete și omisiuni ale lor:

- In acordurile secundare se dublează întâi terța și apoi fundamentală. Prin acest tip de dublaj se întărește de fapt funcția treptelor principale.

- In acordul treptei a VII-a se dublează constant terța, fundamentală fiind sensibilă tonalității, care este recomandat a nu se dubla.

Octave și cvinte directe:

-Sunt admise dacă vocea de sus merge treptat (prin voce superioară se înțelege și alto față de bas, alto față de tenor, sau tenor față de bas.)

Distanțele între voci, cifrajele acordurilor, regulile de conducere melodică rămân aceleași ca cele prezente la acordurile principale.

ACORDUL TREPTĂ a II-a

① $\text{F}\sharp\text{C}\sharp\text{G}\sharp\text{A}\text{B}$ $\frac{3}{4}$

(8) 6 5 2 6 $\frac{4}{3}$ $\frac{6}{4}$ 5 2

6 5 6 $\frac{6}{4}$ 5 $\frac{4}{3}$ 6 6 5 9 7 $\frac{6}{4}$ 5 $\frac{4}{3}$

② $\text{F}\flat\text{C}\flat\text{G}\flat\text{A}\text{B}$ $\frac{3}{4}$

(3) 6 5 $\frac{6}{4}$ $\frac{4}{3}$ $\frac{6}{4}$ 6 6 5 6 $\frac{6}{4}$ 5 6

$\frac{6}{4}$ 5 $\frac{6}{4}$ 3 4 3 $\frac{6}{4}$ 6 5 $\frac{6}{4}$ $\frac{4}{3}$ 5

$\frac{6}{4}$ 6 $\frac{6}{4}$ 6 6 5 6 $\frac{6}{4}$

③ $\text{F}\flat\text{C}\flat\text{G}\flat\text{A}\text{B}$ $\frac{3}{4}$

x

x

Handwritten musical notation for the first system, featuring a treble clef, a key signature of one sharp (F#), and a 2/2 time signature. The notation includes notes and rests, with handwritten numbers and symbols (6, 6#, 6 5, 6# 1/3, 9 #, 6 5 3, 6 7 #) indicating intervals or chord structures. The second staff continues the melody with notes and rests, including a 6 5 7 # interval.

ACORDUL TREPTII A II-a CU SEPTIMA.

Handwritten musical notation for the second system, featuring a treble clef, a key signature of one sharp (F#), and a 4/4 time signature. The notation includes notes and rests, with handwritten 'x' marks above certain notes.

Handwritten musical notation for the third system, featuring a treble clef, a key signature of two flats (Bb, Eb), and a 3/2 time signature. The notation includes notes and rests, with handwritten 'x' marks above certain notes.

Handwritten musical notation for the fourth system, featuring a treble clef, a key signature of two flats (Bb, Eb), and a 3/2 time signature. The notation includes notes and rests, with handwritten 'x' marks above certain notes.

ACORDUL TREPTEI A III-A

Exercise 8: Bass clef, 3/4 time, key of B-flat major. The exercise consists of two staves. The first staff contains four measures of half notes with fingerings: (3) 6 5 4 3, 6 4 3, 10 9 10, and 7 10 9 10. The second staff contains four measures of half notes with fingerings: 7 9, 6 5 4 3, 9 6, and 7 9 6.

Exercise 9: Treble clef, 3/4 time, key of D major. The exercise consists of two staves. The first staff contains four measures of half notes with an 'x' mark above the first note. The second staff contains four measures of half notes with an 'x' mark above the first note.

Exercise 10: Bass clef, 2/2 time, key of B-flat major. The exercise consists of two staves. The first staff contains four measures of half notes with fingerings: (3) 6 5, 6 5, 6 5, and 6. The second staff contains four measures of half notes with fingerings: 7 6 7, 7 6 5, 5 4 3, and 6 5 4 3.

Exercise 11: Treble clef, 3/4 time, key of B-flat major. The exercise consists of two staves. The first staff contains four measures of half notes with an 'x' mark above the first note. The second staff contains four measures of half notes with an 'x' mark above the first note.

ACORDUL TREPTEI A III-a CU SEPTIMA.

Handwritten musical notation for Exercise 12, titled "ACORDUL TREPTEI A III-a CU SEPTIMA." The exercise is written in bass clef with a key signature of one flat (Bb) and a 2/4 time signature. It consists of two staves. The first staff contains a sequence of notes and rests with fingerings (3), 7, 6, 7, 4/3, 2, 6, 7, 6, and 7. The second staff continues the sequence with notes and rests, including fingerings 6, 5, 7, 7, and 6, 5, 4, 3.

Handwritten musical notation for Exercise 13. The exercise is written in treble clef with a key signature of one flat (Bb) and a 3/4 time signature. It consists of two staves. The first staff contains a sequence of notes and rests, with an 'X' marking above the second measure. The second staff continues the sequence with notes and rests.

ACORDUL TREPTEI A VI-a

Handwritten musical notation for Exercise 14, titled "ACORDUL TREPTEI A VI-a". The exercise is written in bass clef with a key signature of two sharps (F# and C#) and a 2/4 time signature. It consists of three staves. The first staff contains a sequence of notes and rests with fingerings 7, 9, 8, 7, 6, 5, and 4. The second staff continues the sequence with notes and rests, including fingerings 7, 6, 4, 5, 3, 6, and 6. The third staff continues the sequence with notes and rests, including fingerings 6, 7, 6, 5, 7, 6, 4, and 3.

-7-

Handwritten musical notation for exercise 15, bass clef, 4/4 time. The notation includes a circled number 15, a whole note, and a series of eighth notes. Fingering numbers are written below the notes: (5) 2 5 2 5 3 # 7 6 6 7 6 5 #. The exercise concludes with a double bar line.

Handwritten musical notation for exercise 16, treble clef, 2/4 time, key of D major (two sharps). The notation includes a circled number 16, a series of eighth notes, and a final sharp sign. The exercise concludes with a double bar line.

Handwritten musical notation for exercise 17, treble clef, 3/4 time, key of B-flat major (two flats). The notation includes a circled number 17, a series of eighth notes, and a final sharp sign. The exercise concludes with a double bar line.

Handwritten musical notation for exercise 18, treble clef, 3/4 time. The notation includes a circled number 18, a series of eighth notes, and a final sharp sign. The exercise concludes with a double bar line.

ACORDUL TREPTEI A VI-a CU SEPTIMA

19

20

ACORDUL TREPTEI A VII-a

21

g

22

Handwritten musical notation for exercise 22, featuring three staves in 3/4 time with a key signature of two flats (Bb, Eb). The first staff includes two 'x' marks above the second and sixth measures. The second and third staves contain continuous eighth-note patterns.

23

Handwritten musical notation for exercise 23, featuring two staves in 2/4 time with a key signature of two sharps (F#, C#). The first staff includes fingerings (3), 6, 6/4, 2, 6, 6/5, 6/5, 6/4, 5. The second staff includes fingerings 6, 6, 7, 6, 9/8, 7, 6, 5/4, 3.

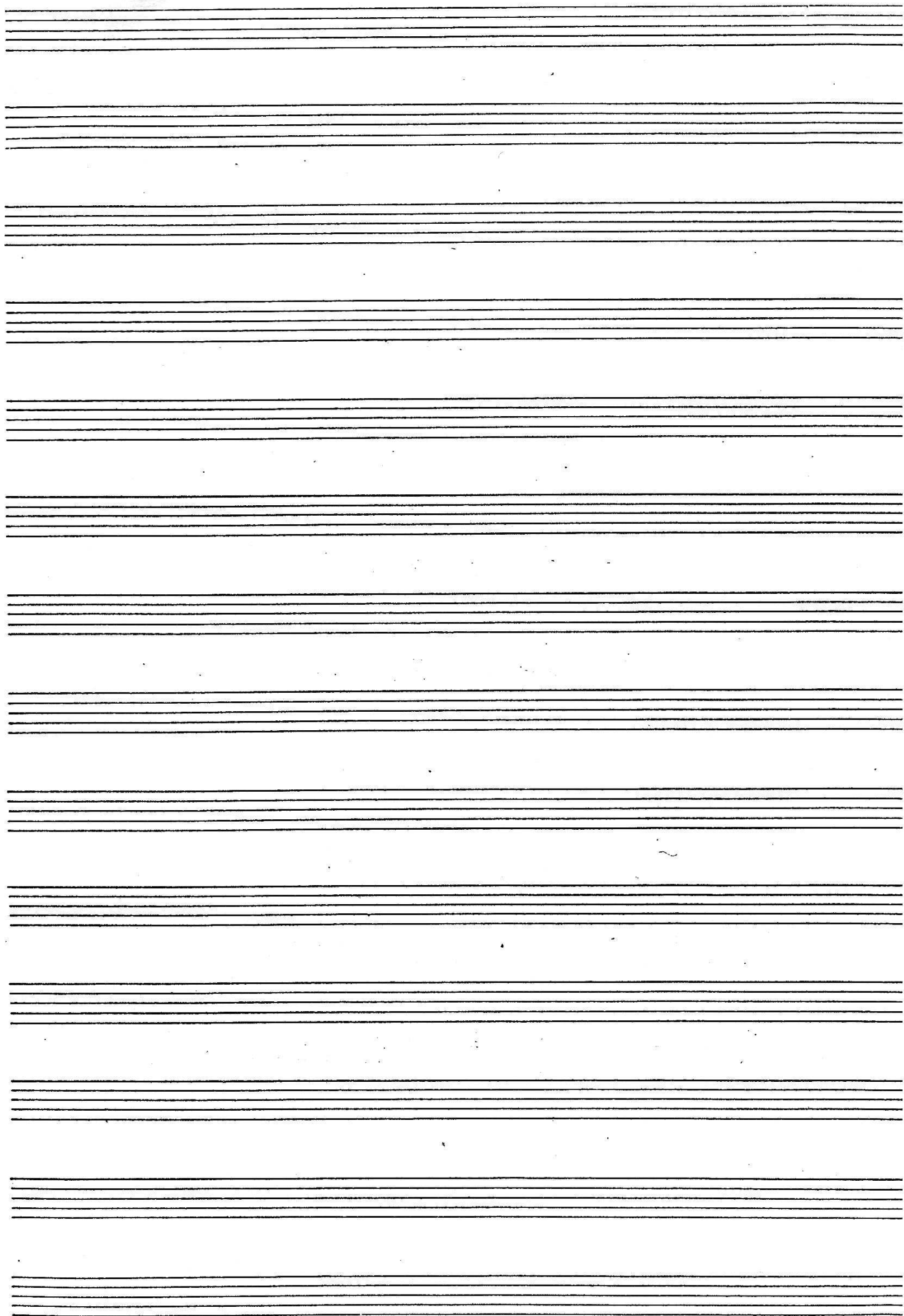
ACORDUL TREPTEI A VII-a CU SEPTIMA

24

Handwritten musical notation for exercise 24, featuring two staves in 4/4 time with a key signature of two flats (Bb, Eb). The first staff includes fingerings (8), 7, 6, 2, 6/5, 6/5, 6, 4/3, 4/3, 6/4, 5. The second staff includes fingerings 4/3, 2, 6, 7, 6, 7, 6/5, 9/7, 10, 7, 6/5, 5, 6/4, 5.

25

Handwritten musical notation for exercise 25, featuring one staff in 3/4 time with a key signature of two flats (Bb, Eb). The notes have 'x' marks below them, indicating natural harmonics.



Conferențiar Universitar Dr. LIANA ALEXANDRA MORARU

EXERCITIUL DE ARMONIE

(IV)

Exemple de secvențe sau mersuri armonice:

Model: I IV

Secvența 1: II V

Secvența 2: III VI

Secvența 3: IV VII

Secvența 4: V I etc.

Model: V⁴/₃ I

Secvența 1: VI⁴/₃ II

Secvența 2: VII⁴/₃ III

Secvența 3: I⁴/₃ IV etc.

Model: V⁴/₃ I

Secvența 1: IV⁴/₃ VII

Secvența 2: III⁴/₃ VI

Secvența 3: II⁴/₃ V etc.

Model Secvența 1 Secvența 2 Secvența 3 etc.

Model Secvența 1 Secvența 2 Secvența 3 etc.

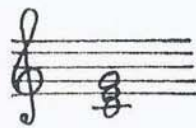
MODULATIA.

Există trei tipuri de modulații: diatonică, cromatică și enarmonică. De asemenea, modulațiile pot fi pasagere (inflexiuni modulatorii), sau definitive (care impun stabil noua tonalitate).

Modulația diatonică - Definiție din Tratatul de Armonie de Alexandru Pașcanu : " Modulația diatonică folosește, ca mijloc de realizare, capacitatea unui acord de a îndeplini diverse funcțiuni în mai multe tonalități, fără a se aduce vreo modificare structurii diatonice. Această pluralitate de funcțiuni, care subzistă latent în orice acord diatonic al unei tonalități, ne dă posibilitatea ca, interpretându-l într-o altă funcțiune, să ne ofere legătura cu o altă tonalitate, care îl conține într-o nouă ipostază, adică pe altă treaptă, cu un alt rol. Acest acord

de legătură, comun tonalităților în care acționează, îl vom denumi acord-punte."

Exemplu cu un acord care poate căpăta mai multe funcții:



Do I
Fa V
fa arm. V
fa mel. V
Sol IV
sol mel. IV
la nat III
mi arm. VI
mi nat. VI
re nat. VII

Acorduri comune pentru Do Major și la minor:

la	III	IV	V	VI	VII	I	II
Do	I	II	III	IV	V	VI	VII

Exemplu cu acorduri comune între două tonalități majore distanțate la o cvintă (superioară sau inferioară) - în această situație vom avea 4 acorduri comune:

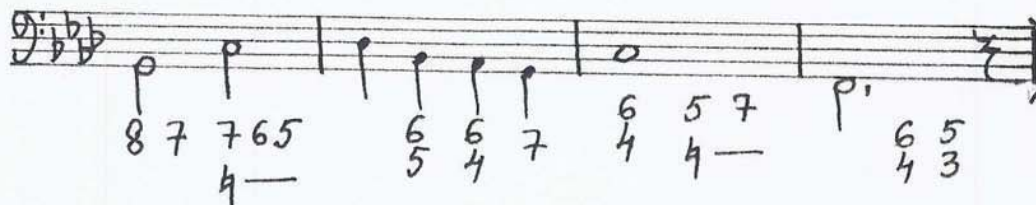
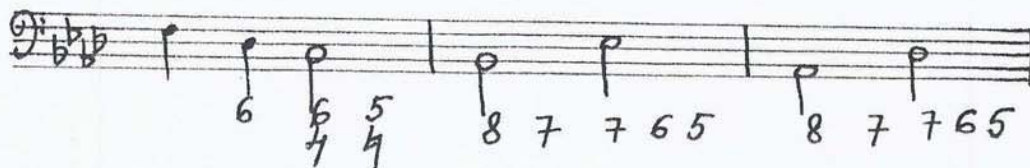
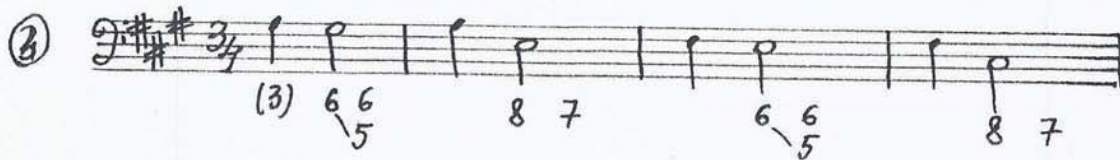
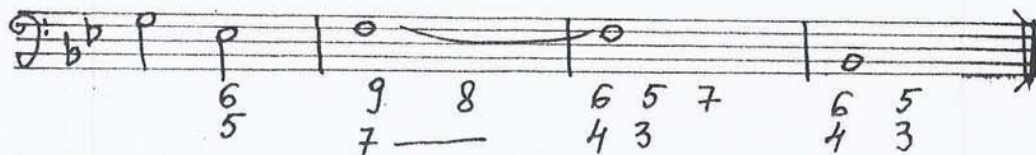
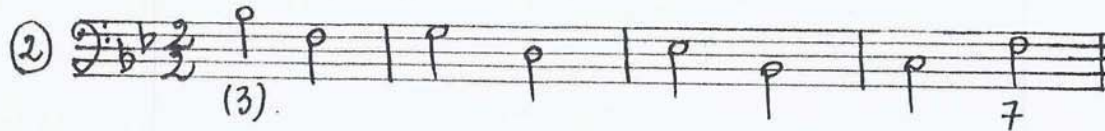
A musical staff in treble clef showing a sequence of seven triads. The first triad is labeled with a key signature of one sharp (F#) and the notes Do, Sol, and Fa. The second triad is labeled with a key signature of one flat (Fb) and the notes Sol, Fa, and Do. The remaining triads are labeled with Roman numerals I, II, III, IV, V, VI, and VII. The triads are: I (Do, Sol, Fa), II (Sol, Fa, Do), III (Fa, Do, Sol), IV (Do, Sol, Fa), V (Sol, Fa, Do), VI (Fa, Do, Sol), and VII (Do, Sol, Fa). The triads are grouped into four pairs of common chords: (I, II), (III, IV), (V, VI), and (VII, I).

Pentru tonalități majore plasate la o distanță de două cvinte există doar 2 acorduri comune:

A musical staff in treble clef showing a sequence of seven triads. The first triad is labeled with a key signature of two sharps (F#) and the notes Do, Re, and Sib. The second triad is labeled with a key signature of two flats (Fb) and the notes Re, Sib, and Do. The remaining triads are labeled with Roman numerals I, II, III, IV, V, VI, and VII. The triads are: I (Do, Re, Sib), II (Re, Sib, Do), III (Sib, Do, Re), IV (Do, Re, Sib), V (Re, Sib, Do), VI (Sib, Do, Re), and VII (Do, Re, Sib). The triads are grouped into two pairs of common chords: (II, III) and (IV, V).

Teme cu secvențe sau marșuri armonice:

Two musical staves in bass clef. The first staff is labeled with a circled 1 and shows a sequence of notes: C, D, E, F, G, A, B, C. The notes are grouped into pairs: (C, D), (E, F), (G, A), and (B, C). The notes are labeled with Roman numerals: (3), 4/3, 7, 4/3, 7. The second staff shows a sequence of notes: C, D, E, F, G, A, B, C. The notes are grouped into pairs: (C, D), (E, F), (G, A), and (B, C). The notes are labeled with Roman numerals: 4/3, 7, 7, 6/4, 7, 2, 5.



Modulația diatonică:

⑤

⑥

⑦

Re-Si

⑧

hab-do

