

THE SECRETS OF ORCHESTRATION

CHORD VOICING

ROVSHAN ASGARZADE

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2019-2021



This online orchestration course is based on the curriculum lectures of “Orchestration” taught to **Azerbaijan National Conservatory** “Composition” major undergraduate students in the 2nd and 3rd semesters.

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Azərbaycan Milli Konservatoriyası
“Musiqi tarixi və nəzəriyyəsi” Fakültə
Elmi Şurasının 16 dekabr 2020-ci il
tarixli iclasının 04 sayılı protokolundan

№ 74
«16» Dekabr 2020-ci il

QƏRAR

Bakı şəhəri

№ 74 «16» Dekabr 2020-ci il

Qərar: “Dirijorluq” kafedrasının müəllimi Əsgərzadə Rövşanın tərtib etdiyi Bəstəkarlıq ixtisasında bakalavr dərəcəsi alan tələbələr üçün “Orkestrləşdirmə” adlı fənnindən proqram təsdiq edilsin.

Leyhinə - 12
Əleyhinə - 0

FES-nin sadri :
Elmi katib:

C.B.Mirzəyeva /
Z.R.Hüseynova /

Academic Sources

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10. Məmmədağa Umudov – Alətşünaslıq, 2016
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PART ONE
Orchestral Chord Voicings

Chapter 1.
Woodwind Section

Lectures
Several-part Modern Harmony



Chapter 1.

Woodwind Section

Lecture 8b.

Several-part Harmony
(cluster chords and poly-chords)



In C score

Fl.

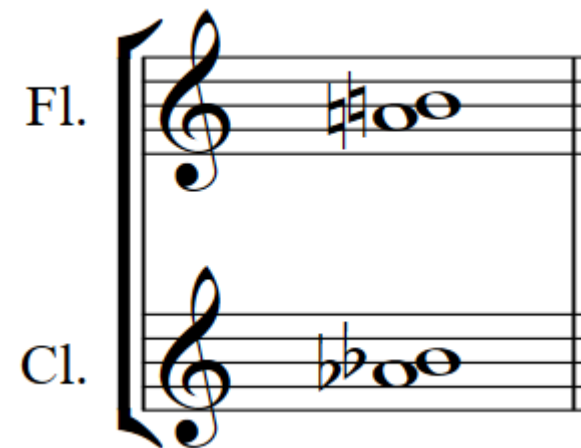
Cl.



less effective

Fl.

Cl.



Pno.



Chromatic cluster



In C score

Fl.
Cl.
Bsn.

This musical score shows three staves: Flute (Fl.), Clarinet (Cl.), and Bassoon (Bsn.). The Flute staff has a treble clef and a key signature of one sharp (F#). The Clarinet and Bassoon staves have treble and bass clefs respectively, with a key signature of one flat (Bb). The notes are: Flute (F#4, G4, A4), Clarinet (Bb3, C4, D4), and Bassoon (F#2, G2, A2). A red 'X' icon is placed below the staves.



less effective

Fl.
Cl.
Bsn.

This musical score shows three staves: Flute (Fl.), Clarinet (Cl.), and Bassoon (Bsn.). The Flute staff has a treble clef and a key signature of one sharp (F#). The Clarinet and Bassoon staves have treble and bass clefs respectively, with a key signature of one flat (Bb). The notes are: Flute (F#4, G4, A4), Clarinet (Bb3, C4, D4), and Bassoon (F#2, G2, A2). A green checkmark icon is placed below the staves.



Ob.
Cl.
Bsn.

This musical score shows three staves: Oboe (Ob.), Clarinet (Cl.), and Bassoon (Bsn.). The Oboe staff has a treble clef and a key signature of one flat (Bb). The Clarinet and Bassoon staves have treble and bass clefs respectively, with a key signature of one flat (Bb). The notes are: Oboe (Bb3, C4, D4), Clarinet (Bb3, C4, D4), and Bassoon (F#2, G2, A2). A green checkmark icon is placed below the staves.



Pno.

This musical score shows a single staff for Piano (Pno.) with a treble clef and a key signature of one sharp (F#). The notes are: F#4, G4, A4, Bb4, C5, D5, E5, F#5. A red 'X' icon is placed below the staff.

Chromatic cluster with tritone



In C score

Fl. $\flat 8$

Fl. $\flat \text{e}$

Ob. $\sharp \sharp 8$

Eng. Hn. $\sharp \text{e}$

Cl. 8

Cl. e

✓

Fl. $\flat 8$

Ob. $\sharp \sharp 8$

Cl. $\sharp \text{e}$

Bsn. 8

✓

Fl. $\flat 8$

Ob. $\sharp \sharp 8$

Cl. 8

Bsn. $\flat \text{e}$

✓

Fl. $\flat 8$

Ob. $\sharp \text{e}$

Cl. $\sharp \text{e}$

Bsn. $\flat \text{e}$

✗

less effective

Pno.

$\flat 8$

Cmaj $\text{F}\sharp\text{maj}$ $\text{E}\flat\text{maj}$

Polychord



In C score

Pno.



The piano score shows a C major chord in the right hand (treble clef) with a chromatic minor triad in the left hand (bass clef). The right hand has notes C4, E4, and G4. The left hand has notes C3, E3, and G3. The notes are beamed together in groups of three.

Chords by chromatic minor triads

Cm C#m Dm



The musical notation shows three chords: Cm (C minor), C#m (C# minor), and Dm (D minor). Each chord is represented by a treble clef staff with three notes beamed together. The notes are C4, E4, and G4 for Cm; C#4, E#4, and G#4 for C#m; and D4, F#4, and A4 for Dm.

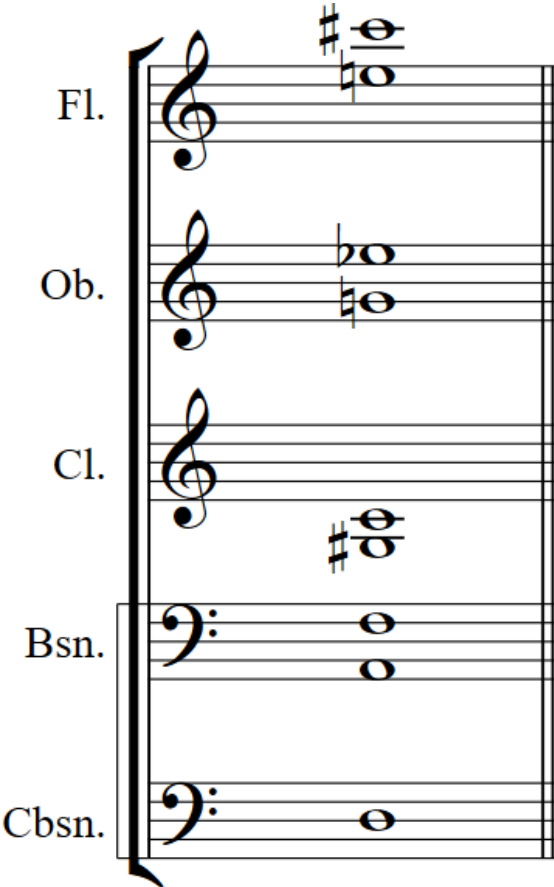
Fl.

Ob.

Cl.

Bsn.

Cbsn.



The woodwind score shows a C major chord in the right hand (treble clef) with a chromatic minor triad in the left hand (bass clef). The right hand has notes C4, E4, and G4. The left hand has notes C3, E3, and G3. The notes are beamed together in groups of three.



Ob.

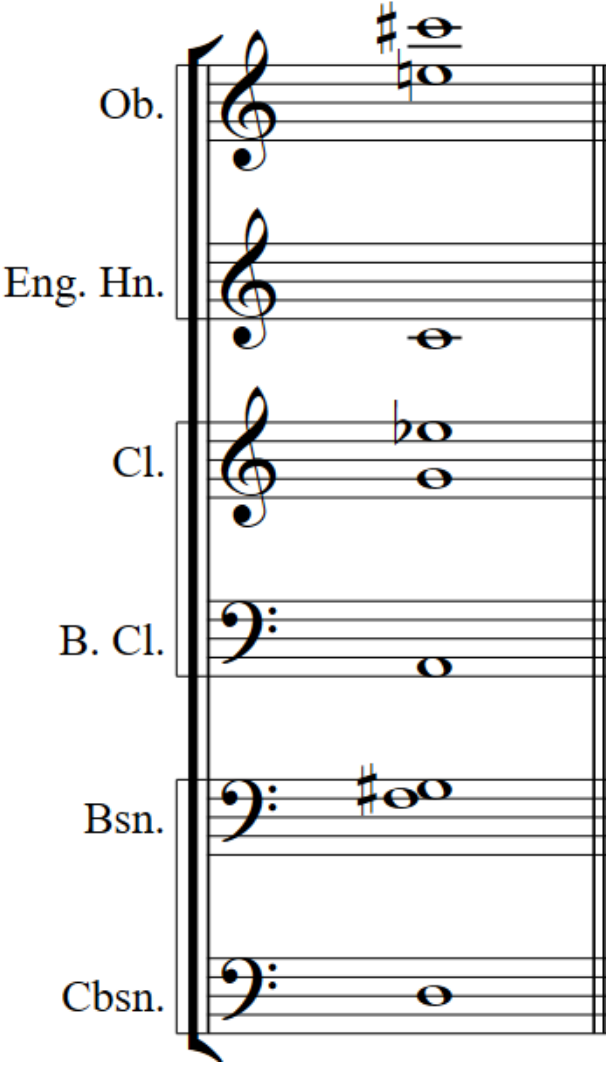
Eng. Hn.

Cl.

B. Cl.

Bsn.

Cbsn.



The woodwind score shows a C major chord in the right hand (treble clef) with a chromatic minor triad in the left hand (bass clef). The right hand has notes C4, E4, and G4. The left hand has notes C3, E3, and G3. The notes are beamed together in groups of three.



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