

ii7-V7-I Minor Matrix

E♭ Concert

1. Ascending Minor 3rds

Bø7 E7(b9) Aminor6

Dø7 G7(b9) Cminor6

Fø7 Bb7(b9) Ebminor6

G#ø7 C#7(b9) F#minor6

Gø7 C7(b9) Fminor6

A#ø7 D#7(b9) G#minor6

C#ø7 F#7(b9) Bminor6

Eø7 A7(b9) Dminor6

D#ø7 G#7(b9) C#minor6

F#ø7 B7(b9) Eminor6

Aø7 D7(b9) Gminor6

Cø7 F7(b9) Bbminor6

ii7-V7-I Minor Matrix

Eb Concert

2. Descending Major 2nds

B \emptyset 7 E7(b9) Ami6

A \emptyset 7 D7(b9) Gmi6

G \emptyset 7 C7(b9) Fmi6

F \emptyset 7 B \flat 7(b9) E \flat mi6

D \sharp \emptyset 7 G \sharp 7(b9) C \sharp mi6

C \sharp \emptyset 7 F \sharp 7(b9) Bmi6

C \emptyset 7 F7(b9) B \flat mi6

B \flat \emptyset 7 E \flat 7(b9) A \flat mi6

G \sharp \emptyset 7 C \sharp 7(b9) F \sharp mi6

F \sharp \emptyset 7 B7(b9) Emi6

E \emptyset 7 A7(b9) Dmi6

D \emptyset 7 G7(b9) Cmi6

ii7-V7-I Minor Matrix

Eb Concert

3. Circle of 5ths

The following table lists the chords for each staff in the Circle of 5ths exercise:

Staff	Chord 1	Chord 2	Chord 3
1	B \emptyset 7	E7(\flat 9)	A mi 6
2	E \emptyset 7	A7(\flat 9)	D mi 6
3	A \emptyset 7	D7(\flat 9)	G mi 6
4	D \emptyset 7	G7(\flat 9)	C mi 6
5	G \emptyset 7	C7(\flat 9)	F mi 6
6	C \emptyset 7	F7(\flat 9)	B \flat mi 6
7	F \emptyset 7	B \flat 7(\flat 9)	E \flat mi 6
8	A \sharp \emptyset 7	D \sharp 7(\flat 9)	G \sharp mi 6
9	D \sharp \emptyset 7	G \sharp 7(\flat 9)	C \sharp mi 6
10	G \sharp \emptyset 7	C \sharp 7(\flat 9)	F \sharp mi 6
11	C \sharp \emptyset 7	F \sharp 7(\flat 9)	B mi 6
12	F \sharp \emptyset 7	B7(\flat 9)	E mi 6

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Eb Concert

4. Random

Chord progression for 4. Random:

- Line 1: C[#]ø⁷, F[#]7(^b9), B^{mi}6
- Line 2: Fø⁷, B^b7(^b9), E^b^{mi}6
- Line 3: F[#]ø⁷, B7(^b9), E^{mi}6
- Line 4: Aø⁷, D7(^b9), G^{mi}6
- Line 5: A[#]ø⁷, D[#]7(^b9), G[#]^{mi}6
- Line 6: Cø⁷, F7(^b9), B^b^{mi}6
- Line 7: Gø⁷, C7(^b9), F^{mi}6
- Line 8: D[#]ø⁷, G[#]7(^b9), C[#]^{mi}6
- Line 9: G[#]ø⁷, C[#]7(^b9), F[#]^{mi}6
- Line 10: Dø⁷, G7(^b9), C^{mi}6
- Line 11: Bø⁷, E7(^b9), A^{mi}6
- Line 12: Eø⁷, A7(^b9), D^{mi}6

5. Ascending Minor 3rds

C \emptyset 7 F7(\flat 9) B \flat mi6 E \flat \emptyset 7 A \flat 7(\flat 9) D \flat mi6
 F \sharp \emptyset 7 B7(\flat 9) E mi 6 A \emptyset 7 D7(\flat 9) G mi 6
 A \flat \emptyset 7 D \flat 7(\flat 9) G \flat mi6 B \emptyset 7 E7(\flat 9) A mi 6
 D \emptyset 7 G7(\flat 9) C mi 6 F \emptyset 7 B \flat 7(\flat 9) E \flat mi6
 E \emptyset 7 A7(\flat 9) D mi 6 G \emptyset 7 C7(\flat 9) F mi 6
 B \flat \emptyset 7 E \flat 7(\flat 9) A \flat mi6 C \sharp \emptyset 7 F \sharp 7(\flat 9) B mi 6

6. Descending Major 2nds

C \emptyset 7 F7(\flat 9) B \flat mi6 A \sharp \emptyset 7 D \sharp 7(\flat 9) G \sharp mi6
 G \sharp \emptyset 7 C \sharp 7(\flat 9) F \sharp mi6 F \sharp \emptyset 7 B7(\flat 9) E mi 6
 E \emptyset 7 A7(\flat 9) D mi 6 D \emptyset 7 G7(\flat 9) C mi 6
 C \sharp \emptyset 7 F \sharp 7(\flat 9) B mi 6 B \emptyset 7 E7(\flat 9) A mi 6
 A \emptyset 7 D7(\flat 9) G mi 6 G \emptyset 7 C7(\flat 9) F mi 6
 F \emptyset 7 B \flat 7(\flat 9) E \flat mi6 D \sharp \emptyset 7 G \sharp 7(\flat 9) C \sharp mi6

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7. Circle of 5ths

Circle of 5ths exercise showing six staves of chords in Eb major. The chords are arranged in a 3x2 grid across the staves, with a repeat sign at the end of the sixth staff.

Staff 1	Staff 2	Staff 3	Staff 4	Staff 5	Staff 6
Cø7	F7(b9)	Bbmi6	Fø7	Bb7(b9)	Ebmi6
Bbø7	Eb7(b9)	Abmi6	Ebø7	Ab7(b9)	Dbmi6
G#ø7	C#7(b9)	F#mi6	C#ø7	F#7(b9)	Bmi6
F#ø7	B7(b9)	Emi6	Bø7	E7(b9)	Ami6
Eø7	A7(b9)	Dmi6	Aø7	D7(b9)	Gmi6
Dø7	G7(b9)	Cmi6	Gø7	C7(b9)	Fmi6

8. Random

Random exercise showing six staves of chords in Eb major. The chords are arranged in a 3x2 grid across the staves, with a repeat sign at the end of the sixth staff.

Staff 1	Staff 2	Staff 3	Staff 4	Staff 5	Staff 6
Cø7	F7(b9)	Bbmi6	Eø7	A7(b9)	Dmi6
Fø7	Bb7(b9)	Ebmi6	G#ø7	C#7(b9)	F#mi6
Aø7	D7(b9)	Gmi6	Bø7	E7(b9)	Ami6
F#ø7	B7(b9)	Emi6	Dø7	G7(b9)	Cmi6
Gø7	C7(b9)	Fmi6	C#ø7	F#7(b9)	Bmi6
A#ø7	D#7(b9)	G#mi6	D#ø7	G#7(b9)	C#mi6