

ii7-V7-I Matrix

E♭ Concert

1. Ascending Minor 3rds

The matrix consists of 12 rows and 3 columns of musical staves. Each staff contains a sequence of notes representing a specific chord, with the chord name written above. The chords are arranged in ascending minor third intervals across both rows and columns.

Row \ Column	1	2	3
1	B ^{mi} 7	E ⁷	A ^{Maj} 7
2	D ^{mi} 7	G ⁷	C ^{Maj} 7
3	F ^{mi} 7	B ^b 7	E ^b Maj ⁷
4	G [#] mi ⁷	C [#] 7	F [#] Maj ⁷
5	G ^{mi} 7	C ⁷	F ^{Maj} 7
6	B ^b mi ⁷	E ^b 7	A ^b Maj ⁷
7	C [#] mi ⁷	F [#] 7	B ^{Maj} 7
8	E ^{mi} 7	A ⁷	D ^{Maj} 7
9	D [#] mi ⁷	G [#] 7	C [#] Maj ⁷
10	F [#] mi ⁷	B ⁷	E ^{Maj} 7
11	A ^{mi} 7	D ⁷	G ^{Maj} 7
12	C ^{mi} 7	F ⁷	B ^b Maj ⁷

2. Descending Major 2nds

B^{mi}7 E⁷ A^{Maj}7

A^{mi}7 D⁷ G^{Maj}7

G^{mi}7 C⁷ F^{Maj}7

F^{mi}7 B^b7 E^bMaj⁷

E^bmi⁷ A^b7 D^bMaj⁷

C[#]mi⁷ F[#]7 B^{Maj}7

C^{mi}7 F⁷ B^bMaj⁷

B^bmi⁷ E^b7 A^bMaj⁷

G[#]mi⁷ C[#]7 F[#]Maj⁷

F[#]mi⁷ B⁷ E^{Maj}7

E^{mi}7 A⁷ D^{Maj}7

D^{mi}7 G⁷ C^{Maj}7

3. Circle of 5ths

Row	Measure 1	Measure 2	Measure 3	Measure 4
1	B ^{mi} 7	E ⁷	A ^{Maj} 7	
2	E ^{mi} 7	A ⁷	D ^{Maj} 7	
3	A ^{mi} 7	D ⁷	G ^{Maj} 7	
4	D ^{mi} 7	G ⁷	C ^{Maj} 7	
5	G ^{mi} 7	C ⁷	F ^{Maj} 7	
6	C ^{mi} 7	F ⁷	B ^b Maj ⁷	
7	F ^{mi} 7	B ^b 7	E ^b Maj ⁷	
8	B ^b mi ⁷	E ^b 7	A ^b Maj ⁷	
9	E ^b mi ⁷	A ^b 7	D ^b Maj ⁷	
10	A ^b mi ⁷	D ^b 7	G ^b Maj ⁷	
11	C [#] mi ⁷	F [#] 7	B ^{Maj} 7	
12	F [#] mi ⁷	B ⁷	E ^{Maj} 7	

4. Random

C \sharp mi7 F \sharp 7 BMaj7
 Fmi7 B \flat 7 E \flat Maj7
 F \sharp mi7 B7 EMaj7
 Ami7 D7 GMaj7
 B \flat mi7 E \flat 7 A \flat Maj7
 Cmi7 F7 B \flat Maj7
 Gmi7 C7 FMaj7
 D \sharp mi7 G \sharp 7 C \sharp Maj7
 G \sharp mi7 C \sharp 7 F \sharp Maj7
 Dmi7 G7 CMaj7
 Bmi7 E7 AMaj7
 Emi7 A7 DMaj7

5. Ascending Minor 3rds

Cmi7 F7 Bbmaj7 Ebmi7 Ab7 Dbmaj7
 Gbm7 B7 Emaj7 Ami7 D7 Gmaj7
 Abmi7 Db7 Gbmaj7 Bmi7 E7 Amaj7
 Dmi7 G7 Cmaj7 Fmi7 Bb7 Ebmaj7
 Emi7 A7 Dmaj7 Gmi7 C7 Fmaj7
 Bbm7 Eb7 Abmaj7 Dbmi7 Gb7 Bmaj7

6. Descending Major 2nds

Cmi7 F7 Bbmaj7 Bbm7 Eb7 Abmaj7
 G#mi7 C#7 F#maj7 Gbm7 B7 Emaj7
 Emi7 A7 Dmaj7 Dmi7 G7 Cmaj7
 Dbmi7 Gb7 Bmaj7 Bmi7 E7 Amaj7
 Ami7 D7 Gmaj7 Gmi7 C7 Fmaj7
 Fmi7 Bb7 Ebmaj7 Ebmi7 Ab7 Dbmaj7

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7. Circle of 5ths

Musical notation for the Circle of 5ths progression, consisting of six staves. Each staff contains four measures of music, with a repeat sign at the end of the fourth measure. The notes are represented by slashes (/) on a treble clef staff. The chords are labeled above the staves:

- Staff 1: C^{mi}7, F⁷, B[♭]Maj⁷, F^{mi}7, B[♭]7, E[♭]Maj⁷
- Staff 2: B[♭]mi⁷, E[♭]7, A[♭]Maj⁷, E[♭]mi⁷, A[♭]7, D[♭]Maj⁷
- Staff 3: A[♭]mi⁷, D[♭]7, G[♭]Maj⁷, D[♭]mi⁷, G[♭]7, B^{Maj}7
- Staff 4: G[♭]mi⁷, B⁷, E^{Maj}7, B^{mi}7, E⁷, A^{Maj}7
- Staff 5: E^{mi}7, A⁷, D^{Maj}7, A^{mi}7, D⁷, G^{Maj}7
- Staff 6: D^{mi}7, G⁷, C^{Maj}7, G^{mi}7, C⁷, F^{Maj}7

8. Random

Musical notation for the Random progression, consisting of six staves. Each staff contains four measures of music, with a repeat sign at the end of the fourth measure. The notes are represented by slashes (/) on a treble clef staff. The chords are labeled above the staves:

- Staff 1: C^{mi}7, F⁷, B[♭]Maj⁷, E^{mi}7, A⁷, D^{Maj}7
- Staff 2: F^{mi}7, B[♭]7, E[♭]Maj⁷, A[♭]mi⁷, D[♭]7, G[♭]Maj⁷
- Staff 3: A^{mi}7, D⁷, G^{Maj}7, B^{mi}7, E⁷, A^{Maj}7
- Staff 4: G[♭]mi⁷, B⁷, E^{Maj}7, D^{mi}7, G⁷, C^{Maj}7
- Staff 5: G^{mi}7, C⁷, F^{Maj}7, D[♭]mi⁷, G[♭]7, B^{Maj}7
- Staff 6: B[♭]mi⁷, E[♭]7, A[♭]Maj⁷, E[♭]mi⁷, A[♭]7, D[♭]Maj⁷