

Hindemithian Trichords

In the music of Anna Webber

Andrew Watkins-Alcocer

Hindemithian Roots

Parent tone of the chord derived from intervals

Primarily derived from the overtone series

Tritones are represented by the nearest interval

Series 1 – musica mundana



Series 2 – interval roots

5th 4th Δ3rd -6th -3rd Δ6th

This musical staff illustrates the interval roots for Series 2, measures 1 through 6. Each measure contains a pair of notes: a lower note in parentheses and an upper note. The intervals are: 5th (C4, G4), 4th (C4, E4), Δ3rd (C4, E4), -6th (C4, F3), -3rd (C4, B3), and Δ6th (C4, A5).

Δ2nd -7th -2nd 7th t.t. t.t.

This musical staff illustrates the interval roots for Series 2, measures 7 through 12. Each measure contains a pair of notes: a lower note in parentheses and an upper note. The intervals are: Δ2nd (C4, D4), -7th (C4, E3), -2nd (C4, B3), 7th (C4, G5), t.t. (C4, C#4), and t.t. (C4, C#4).

Departure from Hindemith

Tritones are given their own ability to be used as roots

Presence of [01x] type chords lacks harmonic clarity

3rds and 6ths are preserved, so invertibility applies less
(applies to trichords over III or \flat III most prevalently)

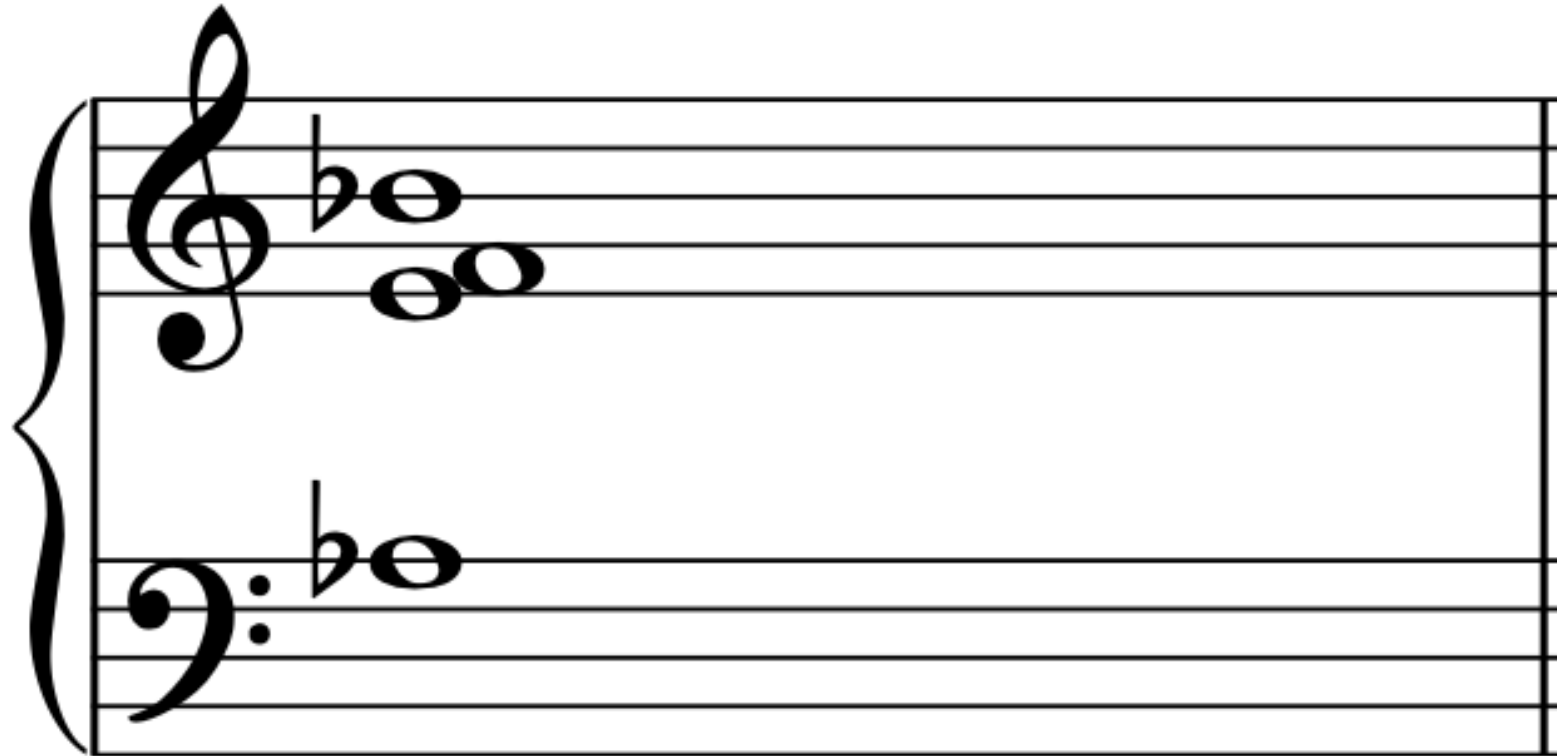
Chordal definition

Concerned with finding the true harmonic nature of a line in combination with a juxtaposed note

Essentially Bass note—with the color above

This can take the form of *replacing* the root of the chord to generate its true harmonic nature

Finding the true series 1.



Finding the true series 2.

The image displays three measures of musical notation on a five-line staff. Each measure contains two notes: a whole note on the second line (F4) and a whole note on the first space (B3). The intervals between these notes are labeled as follows:

- Measure 1: Labeled "-6th", representing a minor sixth interval.
- Measure 2: Labeled "Δ6th", representing a major sixth interval.
- Measure 3: Labeled "Δ2nd", representing a major second interval.

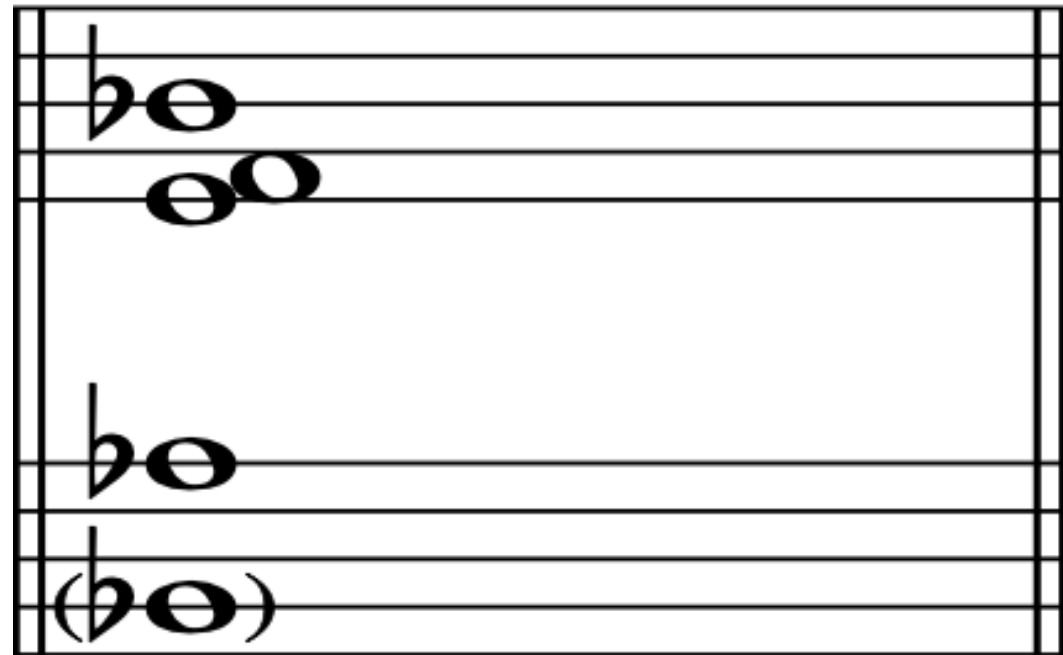
Each interval is indicated by a vertical bracket connecting the two notes. The staff lines are numbered 1 to 5 from bottom to top.

Finding the true series 3.

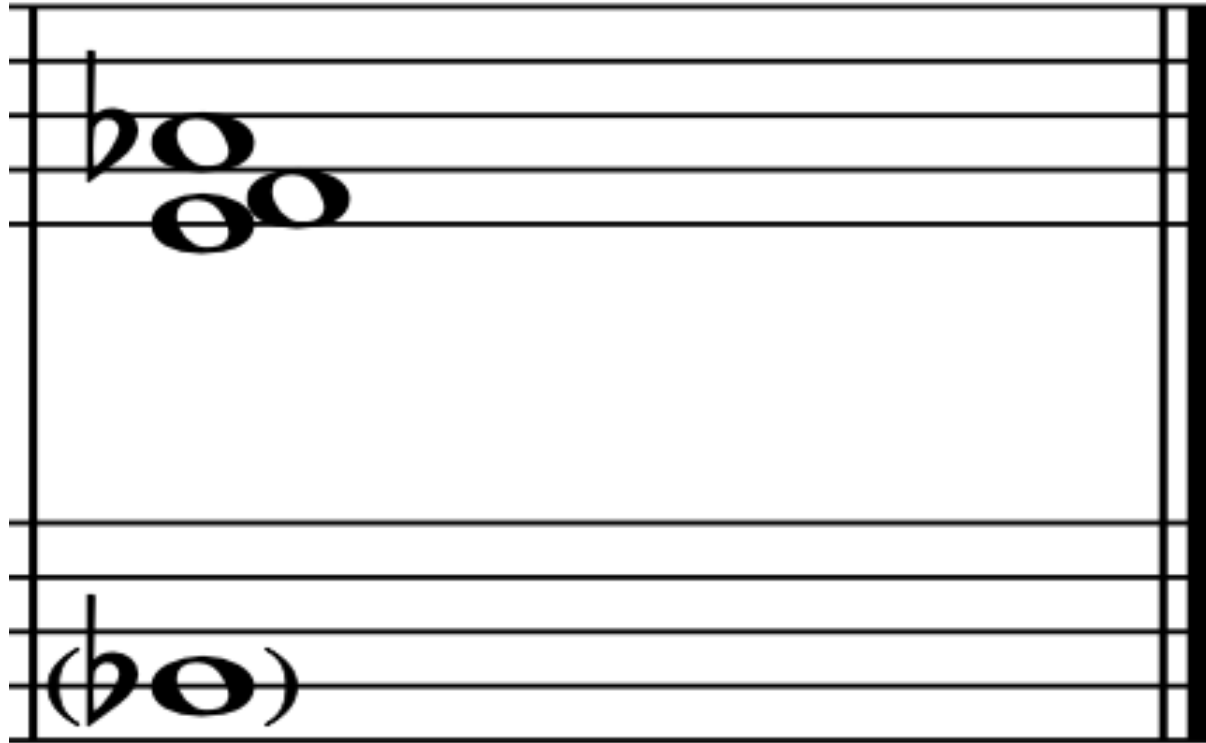
t.t. -2nd P4th

The image displays three musical voicings on a grand staff (treble and bass clefs). The first voicing, labeled 't.t.', shows a triad in the treble clef (F4, A4, C5) and a single note in the bass clef (F3). The second voicing, labeled '-2nd', shows a dyad in the treble clef (A4, C5) and a single note in the bass clef (F3). The third voicing, labeled 'P4th', shows a dyad in the treble clef (F4, C5) and a single note in the bass clef (F3). All notes are half notes.

Finding the true series



Finding the true series



Kore I

Anna Webber

Based on Iannis Xenakis' piece *Persephassa*

Atonal, primarily trichord based

Pedal-point juxtaposition

Additive rhythms



Background Figures

1. [014] 2. [014] 3. [014]

Musical notation for figures 1, 2, and 3. Each figure consists of a treble and bass staff. Figure 1: Treble clef, C major, C4 and E4. Bass clef, C4. Figure 2: Treble clef, D major, D4 and F#4. Bass clef, D4. Figure 3: Treble clef, B minor, B4 and D5. Bass clef, B4.

4. [012] 5. [025] 6. [026]

Musical notation for figures 4, 5, and 6. Each figure consists of a treble and bass staff. Figure 4: Treble clef, B minor, B4 and D5. Bass clef, B4. Figure 5: Treble clef, B minor, B4 and D5. Bass clef, B4. Figure 6: Treble clef, D major, D4 and F#4. Bass clef, D4.

7. [026] 8. [012] 9. [026]

Musical notation for figures 7, 8, and 9. Each figure consists of a treble and bass staff. Figure 7: Treble clef, B minor, B4 and D5. Bass clef, B4. Figure 8: Treble clef, B minor, B4 and D5. Bass clef, B4. Figure 9: Treble clef, D major, D4 and F#4. Bass clef, D4.

New Chords 1.

1. [014] 2. [014] Piano 3. [014]

The image shows a musical score for three chords, labeled 1. [014], 2. [014] Piano, and 3. [014]. The score is written for a grand piano, with a grand staff consisting of two staves for the right hand and two staves for the left hand. The right hand uses a treble clef, and the left hand uses a bass clef. The first chord (1. [014]) is in the key of D major, with notes D4, F#4, A4, and D5 in the right hand, and D3 in the left hand. The second chord (2. [014] Piano) is in the key of D major, with notes D4, F#4, A4, and D5 in the right hand, and D3 in the left hand. The third chord (3. [014]) is in the key of D major, with notes D4, F#4, A4, and D5 in the right hand, and D3 in the left hand. The piano dynamic marking is present above the second chord.

New Chords 2.

The image displays three chords in a musical score, each with a label above it: 4.[012], 5.[025], and 6.[026]. The notation is presented in two systems. The first system consists of a grand staff with a treble clef on the top staff and a bass clef on the bottom staff. The second system consists of a single treble clef staff. The key signature is one flat (B-flat).

Chord 4: [012]
This chord is shown in the first system. In the grand staff, the treble clef staff has notes G4, A4, and Bb4. The bass clef staff has notes G2 and Bb2. In the second system, the treble clef staff has notes G4, A4, and Bb4.

Chord 5: [025]
This chord is shown in the first system. In the grand staff, the treble clef staff has notes G4, Bb4, and D5. The bass clef staff has notes G2 and Bb2. In the second system, the treble clef staff has notes G4, Bb4, and D5.

Chord 6: [026]
This chord is shown in the first system. In the grand staff, the treble clef staff has notes G4, Ab4, and Bb4. The bass clef staff has notes G2 and Bb2. In the second system, the treble clef staff has notes G4, Ab4, and Bb4.

New Chords 3.

7.[026] 8.[012] 9.[026]

The image displays three musical systems, each representing a different chord. The first system is a grand staff with treble and bass clefs, with a brace on the left. The second system is a single treble clef staff. The third system is a single bass clef staff. Each system contains three measures corresponding to the chords. Chord 7.[026] has notes G4, Bb4, D5 in the treble and G2, Bb2, D3 in the bass. Chord 8.[012] has notes G4, Bb4, D5 in the treble and G2, Bb2, D3 in the bass. Chord 9.[026] has notes G4, Bb4, D5 in the treble and G2, Bb2, D3 in the bass.

New Chords Full Set 1.

1.[014] 2.[014] 3.[014]

[014] [014] [014]

(0) (0) (0)

(0) (0) (0)

(0) (0) (0)

New Chords Full Set 2.

The image displays three systems of musical notation, each consisting of a treble clef staff and a bass clef staff. The first system is labeled with chord numbers 4.[012], 5.[025], and 6.[026]. The second system is labeled with chord numbers [012], [037], and [013]. The notation includes notes on staves and fingering numbers in parentheses below the notes.

System 1:

- 4.[012]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.
- 5.[025]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.
- 6.[026]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.

System 2:

- [012]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.
- [037]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.
- [013]: Treble clef staff has notes G4, A4, B4. Bass clef staff has note G3. Fingering: (0) below G3.

New Chords Full Set 3.

The image displays a musical score for three systems of chords, labeled 7, 8, and 9. Each system consists of three staves: a grand staff (treble and bass clefs) and a single treble clef staff. The chords are represented by notes on the staves and are labeled with their respective chord symbols.

System 7:

- Chord 7: [026] (Major 7th chord)
- Chord 8: [012] (Major 7th chord)
- Chord 9: [026] (Major 7th chord)

System 8:

- Chord 7: [036] (Major 7th chord)
- Chord 8: [012] (Major 7th chord)
- Chord 9: [026] (Major 7th chord)

System 9:

- Chord 7: [036] (Major 7th chord)
- Chord 8: [012] (Major 7th chord)
- Chord 9: [026] (Major 7th chord)

This can inform a new organization of harmonic material based on trichord/root

Can be expanded to include all possible trichordal combinations with their associated root

[012] [013] [014] [015] [016] [024]

[025] [026] [027] [036] [037] [048]

[025] [026] [027] [036] [037] [048]

Trichords/I generates multiple roots

This situation happens with every series

I, V, IV, VI, etc.....

Therefore, the organization can be divvyed into collections of series (original root) or by the new root

Series Organization

1-1 [012] 1-2 [013] 1-3 [014] 1-4 [015] 1-5 [016] 1-6 [024]

Musical notation for series 1-1 to 1-6. Each series is represented by a treble clef staff with a common time signature. The notes are grouped into pairs, and the series number and its corresponding interval set are written above each staff. The interval sets are: 1-1 [012], 1-2 [013], 1-3 [014], 1-4 [015], 1-5 [016], and 1-6 [024]. Below each staff, there is a circled symbol: (♯) for 1-1, (♭) for 1-2, 1-3, 1-5, and 1-6, and (♮) for 1-4.

1-7 [025] 1-8 [026] 1-9 [027] 1-10 [036] 1-11 [037] 1-12 [048]

Musical notation for series 1-7 to 1-12. Each series is represented by a treble clef staff with a common time signature. The notes are grouped into pairs, and the series number and its corresponding interval set are written above each staff. The interval sets are: 1-7 [025], 1-8 [026], 1-9 [027], 1-10 [036], 1-11 [037], and 1-12 [048]. Below each staff, there is a circled symbol: (♮) for 1-7, 1-9, 1-10, 1-11, and 1-12, and (♯) for 1-8.

2-1 [016] 2-2 [026] 2-3 [036] 2-4 *[026] 2-5 *[016] 2-6 [025]

Musical notation for series 2-1 to 2-6. Each series is represented by a treble clef staff with a common time signature. The notes are grouped into pairs, and the series number and its corresponding interval set are written above each staff. The interval sets are: 2-1 [016], 2-2 [026], 2-3 [036], 2-4 *[026], 2-5 *[016], and 2-6 [025]. Below each staff, there is a circled symbol: (♭) for 2-1, 2-2, 2-3, 2-4, 2-5, and 2-6.

2-7 *[025] 2-8 [015] 2-9 [027] 2-10 [015] 2-11 [037] 2-12 *[014]

Musical notation for series 2-7 to 2-12. Each series is represented by a treble clef staff with a common time signature. The notes are grouped into pairs, and the series number and its corresponding interval set are written above each staff. The interval sets are: 2-7 *[025], 2-8 [015], 2-9 [027], 2-10 [015], 2-11 [037], and 2-12 *[014]. Below each staff, there is a circled symbol: (♮) for 2-7, 2-9, 2-10, 2-11, and 2-12, and (♯) for 2-8.

and etc.....

Root Organization 1.

1-1 [012] 1-2 [013] 1-3 [014] 1-6 [024] 1-9 [027] 1-10 [036]

1-11 [037] 1-12 [048] 2-1 [016] 2-2 [026] 2-3 [036] 2-4 *[026]

2-5 *[016] 2-6 [025] 2-7 *[025] 2-8 [015] 2-9 [027] 2-10 [014]

2-11 [037] 2-12 *[014] 4-9 [027] 4-10 *[036] 4-11 [026] 5-6 [024]

Root Organization 2.

5-10
*[013]

6-11
[037]

8-1
[012]

8-2
*[012]

8-3
[013]

8-6
[024]

8-9
[027]

8-11
[015]

8-12
*[026]

9-9
[037]

9-11
*[037]

9-12
*[026]

10-1
[012]

10-2
[013]

10-3
[014]

10-6
*[013]

10-9
*[016]

10-11
[026]

11-9
[037]

11-11
[048]

12-6
[024]

12-9
*[015]

12-10
[036]

12-11
*[014]

Detailed description: The image displays 24 musical chords arranged in four rows of six. Each chord is represented by a treble clef staff with a key signature and a bass line. The chords are labeled with a number and a bracketed interval set. The first row contains chords 5-10, 6-11, 8-1, 8-2, 8-3, and 8-6. The second row contains 8-9, 8-11, 8-12, 9-9, 9-11, and 9-12. The third row contains 10-1, 10-2, 10-3, 10-6, 10-9, and 10-11. The fourth row contains 11-9, 11-11, 12-6, 12-9, 12-10, and 12-11. The bass lines for each chord are shown as a single note in a circle with a horizontal line through it, indicating the root of the chord.

Due to duplicates, it's possible to discern prime sets of the the trichordal formations

This allows the harmonies to be organized by possible occurrences, in ascending trichordal order

[012]/Oa [012]/Ob [013]/Oa [013]/Ob [013]/Oc [014]/Oa

[014]/Ob [014]/Oc [015]/Oa [015]/Ob [016]/Oa [016]/Ob

[024]/Oa [024]/Ob [025]/Oa [025]/Ob [026]/Oa [026]/Ob

[026]/Oc [026]/Od [026]/Oe [027]/Oa [027]/Ob [036]/Oa

[012]/5a [012]/5b [013]/5a [013]/5b [013]/5c [014]/5a

A musical staff in treble clef showing six chords. The first chord is [012]/5a in D major (D, F#, A, C). The second is [012]/5b in D minor (D, F, A, C). The third is [013]/5a in E major (E, G#, B, D). The fourth is [013]/5b in E minor (E, G, B, D). The fifth is [013]/5c in E major (E, G#, B, D). The sixth is [014]/5a in F major (F, A, C, E). Each chord is shown as a triad with a fifth, with the fifth note in parentheses below the staff.

[015]/5a [016]/5a [024]/5a [025]/5a [026]/5a

A musical staff in treble clef showing five chords. The first is [015]/5a in F major (F, A, C, E). The second is [016]/5a in F# major (F#, A, C, E). The third is [024]/5a in G major (G, B, D, E). The fourth is [025]/5a in G major (G, B, D, E). The fifth is [026]/5a in G# major (G#, B, D, E). Each chord is shown as a triad with a fifth, with the fifth note in parentheses below the staff.

[026]/5b [027]/5a [036]/5a [037]/5a [048]/5a

A musical staff in treble clef showing five chords. The first is [026]/5b in G major (G, B, D, E). The second is [027]/5a in G major (G, B, D, E). The third is [036]/5a in A major (A, C#, E, G). The fourth is [037]/5a in A major (A, C#, E, G). The fifth is [048]/5a in B major (B, D#, F#, A). Each chord is shown as a triad with a fifth, with the fifth note in parentheses below the staff.

There are also multiple trichord that don't occur naturally in this system, labeled as "artificial" trichords

[012]/7* [012]/7*- [014]/7* [014]/7*- [015]/7* [015]/7*-

Musical staff 1: Treble clef, C major. Six chords with figured bass notation: [012]/7* (C major), [012]/7*- (C major), [014]/7* (D minor), [014]/7*- (D minor), [015]/7* (E minor), [015]/7*- (E minor). Each chord is shown with its constituent notes and a bass line in parentheses.

[016]/7* [016]/7*- [025]/7* [025]/7*- [027]/7* [027]/7*-

Musical staff 2: Treble clef, B major. Six chords with figured bass notation: [016]/7* (B major), [016]/7*- (B major), [025]/7* (C minor), [025]/7*- (C minor), [027]/7* (D minor), [027]/7*- (D minor). Each chord is shown with its constituent notes and a bass line in parentheses.

[036]/7* [036]/7*- [037]/7* [037]/7* [048]/7* [048]/7*-

Musical staff 3: Treble clef, B major. Six chords with figured bass notation: [036]/7* (B major), [036]/7*- (B major), [037]/7* (C minor), [037]/7* (C minor), [048]/7* (D minor), [048]/7*- (D minor). Each chord is shown with its constituent notes and a bass line in parentheses.

Applied to “Kore I”

By using these new formations, we can find the “prime” of the individual sets from the analysis

This will reveal what is possibly the “tonic” of the section, as well as the degrees of separation the other sets are to their primes.

This must be the "prime"

The image shows a musical score for two staves, likely representing the left and right hands of a piano. The score is divided into three measures, each containing a chord. The chords are labeled as follows:

- Measure 1: $[012]/Ob$ (top staff) and $[012]/Ob$ (bottom staff). The top staff has a treble clef and a key signature of two flats (Bb, Eb). The bottom staff has a treble clef and a key signature of two sharps (F#, C#). Both staves show a chord with notes G4, Bb4, and Eb4 in the top staff, and G4, Bb4, and Eb4 in the bottom staff. A circled '0' is written below each staff.
- Measure 2: $[037]/5a$ (top staff) and $[037]/5a$ (bottom staff). The top staff has a treble clef and a key signature of one flat (Bb). The bottom staff has a treble clef and a key signature of one flat (Bb). Both staves show a chord with notes G4, Bb4, and Eb4 in the top staff, and G4, Bb4, and Eb4 in the bottom staff. A circled '0' is written below each staff.
- Measure 3: $[013]/6b$ (top staff) and $[013]/6b$ (bottom staff). The top staff has a treble clef and a key signature of three sharps (F#, C#, G#). The bottom staff has a treble clef and a key signature of two flats (Bb, Eb). Both staves show a chord with notes G4, Bb4, and Eb4 in the top staff, and G4, Bb4, and Eb4 in the bottom staff. A circled '0' is written below each staff.

This musical score consists of two staves, Treble and Bass clef, with a brace on the left. It is divided into three measures by vertical bar lines. Each measure contains a chord diagram and a label above it.

Measure	Label	Chord Diagram
1	[036]/8a	Diagram 1: Treble clef, key signature of two flats (Bb, Eb). Notes: Bb, Eb, Ab, Db. Bass clef: Bb, Eb, Ab, Db.
2	[012]/5b	Diagram 2: Treble clef, key signature of one flat (Bb). Notes: Bb, Eb, Ab, Db. Bass clef: Bb, Eb, Ab, Db.
3	[026]/8a-	Diagram 3: Treble clef, key signature of one sharp (F#). Notes: Bb, Eb, Ab, Db. Bass clef: Bb, Eb, Ab, Db.

We can begin to look at the progression from the standpoint of primes

We've gone from this...

The image displays a musical staff with a treble clef and a key signature of one sharp (F#). The staff contains nine measures of music, each with a chord symbol above it: [014], [014], [014], [012], [025], [026], [026], [012], and [026]. The chords are represented by notes on the staff and are grouped into pairs of notes in parentheses below the staff. The first three measures ([014]) show a progression of chords with notes G#4, B4, and D5. The fourth measure ([012]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note. The fifth measure ([025]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note. The sixth measure ([026]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note. The seventh measure ([026]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note. The eighth measure ([012]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note. The ninth measure ([026]) shows a chord with notes G#4, B4, and D5, with a sharp sign above the G#4 note.

To this...

A musical score on a single staff with a treble clef. The score consists of nine measures, each containing a chord. Above each measure is a label in square brackets: [014], [014], [014], [012], [037], [013], [036], [012], and [026]. Below the staff, corresponding chord diagrams are shown in parentheses. The diagrams use numbers 0-7 to represent frets on strings 1-6, with a bar over the numbers indicating a barre. The notes in the chords are: Measure 1: Bb2, D3, F3; Measure 2: Bb2, D#3, F3; Measure 3: Bb2, D3, F3; Measure 4: Bb2, D3, F3, G3; Measure 5: Bb2, D3, F3, G3, A3; Measure 6: Bb2, D3, F3, G3, A3; Measure 7: Bb2, D3, F3, G3; Measure 8: Bb2, D3, F3, G3; Measure 9: Bb2, D3, F3, G3, A3.

To finally this...

A musical staff in treble clef showing a sequence of nine chords. Each chord is represented by a set of notes on the staff and a corresponding figured bass symbol below it. The chords and their figured bass symbols are:

- [014]/5a: Notes G4, A4, B4, C5; Figured bass: (0)
- [014]/Ob: Notes G#4, A4, B4, C5; Figured bass: (-e-)
- [014]/9a: Notes G4, A4, B4, C5, D5; Figured bass: (-e-)
- [012]/Ob: Notes G#4, A4, B4, C5; Figured bass: (-e-)
- [037]/5a: Notes G4, A4, B4, C5, D5; Figured bass: (0)
- [013]/6b: Notes G4, A4, B4, C5, D5, E5; Figured bass: (b8)
- [036]/8a: Notes G4, A4, B4, C5, D5, E5; Figured bass: (b8)
- [012]/5b: Notes G4, A4, B4, C5; Figured bass: (0)
- [026]/8a: Notes G4, A4, B4, C5, D5, E5; Figured bass: (b8)

Observations

It appears that the 5th chord can be labeled as a “tonic,” as it doesn’t require a transposition to become a prime set.

Because of this, it sets [037]/5a as “tonic,” and “F” as the “I” for the progression.

[014]	[014]	[014]	[012]	[037]
(((((
T5	T5	T2	T5	To
[014]/5a	[014]/Ob	[014]/9a	[012]/Ob	[037]/5a
(((((

[013]	[036]	[012]	[026]
((((
T6	T8	T10	T11
[013]/6b	[036]/8a	[012]/5b	[026]/8a-
((((

Total distance

Measured by finding the smoothness between the voicings, added to the transposition divided by the smoothness of the roots

$$(\text{smoothness}) + (\text{Tn} / \text{root smoothness}) = \text{distance}$$

[014]/5a	[014]/Ob	[014]/9a	[012]/Ob	[037]/5a
5/0 (5)	6/5 (7)	5/4 (5.5)	6/5 (7)	0/0 (0)
[037]/5a	[037]/5a	[037]/5a	[037]/5a	[037]/5a

[013]/6b	[036]/8a	[012]/5b	[026]/8a-
5/1 (11)	1/3 (3.67)	6/0 (6)	2/3 (5.67)
[037]/5a	[037]/5a	[037]/5a	[037]/5a

In order of distance

The image displays two staves of musical notation, each representing a sequence of chords in order of distance. The first staff contains five chords, and the second staff contains four chords. Each chord is labeled with its distance and its chord symbol.

Staff 1:

- Chord 1: Distance (3.67), Symbol $I[037]/5a$
- Chord 2: Distance (3.67), Symbol $[036]/8a$
- Chord 3: Distance (5), Symbol $[014]/5a$
- Chord 4: Distance (5.5), Symbol $[014]/9a$
- Chord 5: Distance (5.67), Symbol $[026]/8a-$

Staff 2:

- Chord 1: Distance (6), Symbol $[012]/5b$
- Chord 2: Distance (7), Symbol $[014]/Ob$
- Chord 3: Distance (7), Symbol $[012]/Ob$
- Chord 4: Distance (11), Symbol $[013]/6b$

Substituting original sets back in

The image displays two staves of musical notation, each containing five measures of chords. The notation includes treble clefs, key signatures, and chord symbols in square brackets. Below each chord, a figured bass is shown in parentheses, with some notes underlined.

Staff 1:

- Measure 1: Chord $[037]/5a$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 2: Chord $[036]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 3: Chord $[014]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 4: Chord $[014]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 5: Chord $[026]$ (F major triad). Figured bass: $(\underline{0})$.

Staff 2:

- Measure 1: Chord $[012]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 2: Chord $[014]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 3: Chord $[012]$ (F major triad). Figured bass: $(\underline{0})$.
- Measure 4: Chord $[013]$ (F major triad). Figured bass: $(\underline{0})$.

Analysis

Appears to use root notes from I, ii, and V; which can be labeled as Tonic (I), Subdominant (ii), and Dominant (V)

Degrees of tension can be show visually with Ulehla's analysis

(5) (7) (5-5) (7) (o)

[014]/5a [014]/Ob [014]/9a [012]/Ob [037]/5a

(11) (3.67) (6) (5.67)

[013]/6b [036]/8a [012]/5b [026]/8a-

Trichord/I

[012] [013] [014] [015] [016] [024]

[012] [013] [014] [015] [016] [024]

[025] [026] [027] [036] [037] [048]

[025] [026] [027] [036] [037] [048]

Trichord/V

[012] [013] [014] [015] [016] [024]

pedal

[016] [026] [036] *[026] *[016] [025]

(-e) (-e) (-e) (-e) (-e) (-e)

[025] [026] [027] [036] [037] [048]

*[025] [015] [027] [014] [037] *[014]

(-e) (-e) (-e) (-e) (-e) (-e)

Trichord/IV

[012] [013] [014] [015] [016] [024]

[025] [026] [027] [036] [037] [048]

[025] [026] [027] [036] [037] [048]

Trichord/VI

[012] [013] [014] [015] [016] [024]

Chords: [012], [013], [014], [015], [016], [024]

[014] [013] *[014] [015] [016] [037]

Chords: [014], [013], *[014], [015], [016], [037]

[025] [026] [027] [036] [037] [048]

Chords: [025], [026], [027], [036], [037], [048]

*[037] [036] [027] *[036] [026] [048]

Chords: *[037], [036], [027], *[036], [026], [048]

Trichord/III

[012] [013] [014] [015] [016] [024]

(e) (e) (e) (o) (e) (8)

[012] [013] [014] *[014] [016] [024]

(e) (e) (e) (o) (e) (e)

[025] [026] [027] [036] [037] [048]

(o) (e) (e) (8) (e) (e)

*[024] [026] *[024] *[013] [037] [048]

(o) (o) (e) (e) (e) (e)

Trichord/ \flat III

[012] [013] [014] [015] [016] [024]

(\flat -e) (\flat -e) (\flat -e) (o) (\flat -e) (\flat -e)

[012] [013] [014] *[013] *[013] [024]

(\flat -e) (\flat -e) (\flat -e) (o) (\flat -e) (\flat -e)

[025] [026] [027] [036] [037] [048]

(o) (\flat -e) (e) (\flat -e) (e) (\flat -o)

*[013] [026] *[013] [036] [037] *[014]

(o) (\flat -e) (e) (\flat -e) (e) (\flat -e)

Trichord/ \flat VI

[012] [013] [014] [015] [016] [024]

[026] [013] [048] [037] *[026] [024]

[025] [026] [027] [036] [037] [048]

*[026] *[026] *[026] [036] [037] [048]

Trichord/II

[012] [013] [014] [015] [016] [024]

Musical notation for the first system of Trichord/II, showing six chords in the treble staff and their corresponding bass notes in the bass staff.

Musical notation for the second system of Trichord/II, showing six chords in the treble staff.

[012] *[012] [013] *[012] *[012] [024]

Musical notation for the third system of Trichord/II, showing six chords in the treble staff and their corresponding bass notes in the bass staff.

[025] [026] [027] [036] [037] [048]

Musical notation for the fourth system of Trichord/II, showing six chords in the treble staff and their corresponding bass notes in the bass staff.

Musical notation for the fifth system of Trichord/II, showing six chords in the treble staff.

[025] [026] [027] [036] [015] *[026]

Musical notation for the sixth system of Trichord/II, showing six chords in the treble staff and their corresponding bass notes in the bass staff.

Trichord/ \flat VII

Piano

[012] [013] [014] [015] [016] [024]

[012] [013] [026] [015] *[013] [024]

[025] [026] [027] [036] [037] [048]

[025] *[026] [037] *[026] *[037] *[026]

Trichord/bII

[012] [013] [014] [015] [016] [024]

This system contains the first six measures of the piece. The top staff is in treble clef with a key signature of one flat (Bb). The bottom staff is in bass clef. Measure 1: Treble [012] (Bb, D, F), Bass (Bb, D, F). Measure 2: Treble [013] (Bb, D, F), Bass (Bb, D, F). Measure 3: Treble [014] (Bb, D, F), Bass (Bb, D, F). Measure 4: Treble [015] (Bb, D, F), Bass (Bb, D, F). Measure 5: Treble [016] (Bb, D, F), Bass (Bb, D, F). Measure 6: Treble [024] (Bb, D, F), Bass (Bb, D, F).

This system contains measures 7 through 12. The top staff is in treble clef with a key signature of two sharps (F#C#). The bottom staff is in bass clef. Measure 7: Treble [012] (F#, C#, E), Bass (F#, C#, E). Measure 8: Treble [013] (F#, C#, E), Bass (F#, C#, E). Measure 9: Treble [014] (F#, C#, E), Bass (F#, C#, E). Measure 10: Treble [015] (F#, C#, E), Bass (F#, C#, E). Measure 11: Treble [016] (F#, C#, E), Bass (F#, C#, E). Measure 12: Treble [024] (F#, C#, E), Bass (F#, C#, E).

[012] [013] [014] [015] [016] *[013]

This system contains measures 13 through 18. The top staff is in treble clef with a key signature of two sharps (F#C#). The bottom staff is in bass clef. Measure 13: Treble [012] (F#, C#, E), Bass (F#, C#, E). Measure 14: Treble [013] (F#, C#, E), Bass (F#, C#, E). Measure 15: Treble [014] (F#, C#, E), Bass (F#, C#, E). Measure 16: Treble [015] (F#, C#, E), Bass (F#, C#, E). Measure 17: Treble [016] (F#, C#, E), Bass (F#, C#, E). Measure 18: Treble *[013] (F#, C#, E), Bass (F#, C#, E).

[025] [026] [027] [036] [037] [048]

This system contains measures 19 through 24. The top staff is in treble clef with a key signature of one flat (Bb). The bottom staff is in bass clef. Measure 19: Treble [025] (Bb, D, F), Bass (Bb, D, F). Measure 20: Treble [026] (Bb, D, F), Bass (Bb, D, F). Measure 21: Treble [027] (Bb, D, F), Bass (Bb, D, F). Measure 22: Treble [036] (Bb, D, F), Bass (Bb, D, F). Measure 23: Treble [037] (Bb, D, F), Bass (Bb, D, F). Measure 24: Treble [048] (Bb, D, F), Bass (Bb, D, F).

This system contains measures 25 through 30. The top staff is in treble clef with a key signature of two sharps (F#C#). The bottom staff is in bass clef. Measure 25: Treble [025] (F#, C#, E), Bass (F#, C#, E). Measure 26: Treble [026] (F#, C#, E), Bass (F#, C#, E). Measure 27: Treble [027] (F#, C#, E), Bass (F#, C#, E). Measure 28: Treble [036] (F#, C#, E), Bass (F#, C#, E). Measure 29: Treble [037] (F#, C#, E), Bass (F#, C#, E). Measure 30: Treble [048] (F#, C#, E), Bass (F#, C#, E).

*[012] *[012] *[016] *[013] [026] [048]

This system contains measures 31 through 36. The top staff is in treble clef with a key signature of two sharps (F#C#). The bottom staff is in bass clef. Measure 31: Treble *[012] (F#, C#, E), Bass (F#, C#, E). Measure 32: Treble *[012] (F#, C#, E), Bass (F#, C#, E). Measure 33: Treble *[016] (F#, C#, E), Bass (F#, C#, E). Measure 34: Treble *[013] (F#, C#, E), Bass (F#, C#, E). Measure 35: Treble [026] (F#, C#, E), Bass (F#, C#, E). Measure 36: Treble [048] (F#, C#, E), Bass (F#, C#, E).

Trichord/VII

The musical score for "Trichord/VII" is organized into six systems, each containing two staves (treble and bass clef). The chords are labeled with numbers in brackets above the treble staff and fingering numbers in parentheses below the bass staff.

- System 1:** Treble clef chords: [012], [013], [014], [015], [016], [024]. Bass clef chords: (0), (0), (0), (0), (0), (0).
- System 2:** Treble clef chords: [012], [013], *[012], *[012], [016], *[013]. Bass clef chords: (0), (0), (0), (0), (0), (0).
- System 3:** Treble clef chords: [025], [026], [027], [036], [037], [048]. Bass clef chords: (0), (0), (0), (0), (0), (0).
- System 4:** Treble clef chords: *[013], [026], [037], [036], [048], [014]. Bass clef chords: (0), (0), (0), (0), (0), (0).

Trichord/T.T.

[012] [013] [014] [015] [016] [024]

First system of musical notation, measures 1-6. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time.

[012] [013] [014] [015] [016] [024]

Second system of musical notation, measures 1-6. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time.

[025] [026] [027] [036] [037] [048]

Third system of musical notation, measures 1-6. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time.

[026] *[026] *[015] [036] *[014] *[026]

Fourth system of musical notation, measures 1-6. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time. Treble clef, common time. Bass clef, common time.

Hindemithian Trichords By Series

1-1 [012] 1-2 [013] 1-3 [014] 1-4 [015] 1-5 [016] 1-6 [024]

1-7 [025] 1-8 [026] 1-9 [027] 1-10 [036] 1-11 [037] 1-12 [048]

2-1 [016] 2-2 [026] 2-3 [036] 2-4 *[026] 2-5 *[016] 2-6 [025]

2-7 *[025] 2-8 [015] 2-9 [027] 2-10 [015] 2-11 [037] 2-12 *[014]

3-1 [012] 3-2 [013] 3-3 [014] 3-4 [015] 3-5 [016] 3-6 [024]

3-7 [025] 3-8 [026] 3-9 [027] 3-10 [036] 3-11 [037] 3-12 [048]

4-1 [014] 4-2 [013] 4-3 *[014] 4-4 [015] 4-5 [016] 4-6 [037]

4-7 *[037] 4-8 [036] 4-9 [027] 4-10 *[036] 4-11 [026] 4-12 [048]

5-1 [012] 5-2 [013] 5-3 [014] 5-4 *[014] 5-5 [016] 5-6 [024]

5-7 *[024] 5-8 [026] 5-9 *[024] 5-10 *[013] 5-11 [037] 5-12 [048]

6-1 [012] 6-2 [013] 6-3 [014] 6-4 *[013] 6-5 *[013] 6-6 [024]

6-7 *[013] 6-8 [026] 6-9 *[013] 6-10 [036] 6-11 [037] 6-12 *[014]

7-1 [026] 7-2 [013] 7-3 [048] 7-4 [037] 7-5 *[026] 7-6 [024]

7-7 *[026] 7-8 *[026] 7-9 *[026] 7-10 [036] 7-11 [037] 7-12 [048]

8-1 [012] 8-2 *[012] 8-3 [013] 8-4 *[012] 8-5 *[012] 8-6 [024]

8-7 [025] 8-8 [026] 8-9 [027] 8-10 [036] 8-11 [015] 8-12 *[026]

9-1 [012] 9-2 [013] 9-3 [026] 9-4 [015] 9-5 *[013] 9-6 [024]

9-7 [025] 9-8 *[026] 9-9 [037] 9-10 *[026] 9-11 *[037] 9-12 *[026]

10-1 [012] 10-2 [013] 10-3 [014] 10-4 [015] 10-5 [016] 10-6 *[013]

10-7 *[012] 10-8 *[012] 10-9 *[016] 10-10 *[013] 10-11 [026] 10-12 [048]

11-1 [012] 11-2 [013] 11-3 *[012] 11-4 *[012] 11-5 [016] 11-6 *[013]

11-7 *[013] 11-8 [026] 11-9 [037] 11-10 [036] 11-11 [048] 11-12 [014]

12-1 [012] 12-2 [013] 12-3 [014] 12-4 [015] 12-5 [016] 12-6 [024]

12-7 [026] 12-8 *[026] 12-9 *[015] 12-10 [036] 12-11 *[014] 12-12 *[026]

Hindemithian Trichords By Root

1-1 [012] 1-2 [013] 1-3 [014] 1-6 [024] 1-9 [027] 1-10 [036]

1-11 [037] 1-12 [048] 2-1 [016] 2-2 [026] 2-3 [036] 2-4 *[026]

2-5 *[016] 2-6 [025] 2-7 *[025] 2-8 [015] 2-9 [027] 2-10 [014]

2-11 [037] 2-12 *[014] 4-9 [027] 4-10 *[036] 4-11 [026] 5-6 [024]

5-10 *[013] 6-11 [037] 8-1 [012] 8-2 *[012] 8-3 [013] 8-6 [024]

8-9 [027] 8-11 [015] 8-12 *[026] 9-9 [037] 9-11 *[037] 9-12 *[026]

10-1 [012] 10-2 [013] 10-3 [014] 10-6 *[013] 10-9 *[016] 10-11 [026]

11-9 [037] 11-11 [048] 12-6 [024] 12-9 *[015] 12-10 [036] 12-11 *[014]

5-9
*[024]

6-9
*[013]

7-9
*[026]

1-4
[015]

1-7
[025]

3-1
[012]

3-2
[013]

3-3
[014]

3-4
[015]

3-5
[016]

3-6
[024]

3-7
[025]

3-8
[026]

3-9
[027]

3-10
[036]

3-11
[037]

3-12
[048]

5-4
*[014]

5-7
*[024]

6-4
*[013]

6-7
*[013]

7-7
*[026]

8-4
*[012]

8-7
[025]

10-4
[015]

10-7
*[012]

11-4
*[012]

11-7
*[013]

12-7
[026]

4-2
[013]

4-3
*[014]

4-4
[015]

4-5
[016]

4-12
[048]

5-1
[012]

5-2
[013]

5-3
[014]

5-5
[016]

5-11
[037]

5-12
[048]

11-3
*[012]

11-6
*[013]

11-12
[014]

6-1 [012] 6-2 [013] 6-3 [014] 6-6 [024]

6-8 [026] 6-10 [036] 9-2 [013] 9-10 *[026]

6-12 *[014] 7-2 [013] 7-6 [024] 7-8 *[026]

7-10 [036] 7-11 [037] 7-12 [048] 12-12 *[026]

1-8 [026] 4-1 [014] 4-6 [037] 4-7 *[037] 4-8 [036]

5-8 [026] 8-8 [026] 8-10 [036] 12-8 *[026]

9-1 [012] 9-4 [015] 9-6 [024] 9-7 [025] 9-8 *[026]

7-1 [026] 7-3 [048] 7-4 [037] 7-5 *[026] 9-3 [026] 10-12 [048]

11-1 [012] 11-2 [013] 11-5 [016] 11-8 [026] 11-10 [036]

(0) (0) (0) (0) (0)

1-5 [016] 6-5 *[013] 8-5 *[012] 9-5 *[013]

(0) (0) (0) (0)

10-5 [016] 10-8 *[012] 10-10 *[013] 12-1 [012]

(0) (0) (0) (0)

12-2 [013] 12-3 [014] 12-4 [015] 12-5 [016]

(0) (0) (0) (0)

Hindemithian Trichords

By Set Class

1-1 [012]	8-1 [012]	8-2 *[012]	10-1 [012]	1-2 [013]	5-10 *[013]
8-3 [013]	10-2 [013]	10-6 *[013]	1-3 [014]	2-12 *[014]	10-3 [014]
12-11 *[014]	2-8 [015]	2-10 [015]	8-11 [015]	12-9 *[015]	2-1 [016]
2-5 *[016]	10-9 *[016]	1-6 [024]	5-6 [024]	8-6 [024]	12-6 [024]
2-6 [025]	2-7 *[025]	2-2 [026]	2-4 *[026]	4-11 [026]	8-12 *[026]
9-12 *[026]	10-11 [026]	1-9 [027]	2-9 [027]	4-9 [027]	8-9 [027]
1-10 [036]	2-3 [036]	4-10 *[036]	12-10 [036]	1-11 [037]	2-11 [037]
6-11 [037]	9-9 [037]	9-11 *[037]	11-9 [037]	1-12 [048]	11-11 [048]

6-9
*[013]

5-9
*[024]

7-9
*[026]

3-1
[012]

8-4
*[012]

10-7
*[012]

11-4
*[012]

3-2
[013]

6-4
*[013]

6-7
*[013]

11-7
*[013]

3-3
[014]

5-4
*[014]

1-4
[015]

3-4
[015]

10-4
[015]

3-5
[016]

3-6
[024]

5-7
*[024]

1-7
[025]

3-7
[025]

8-7
[025]

3-8
[026]

7-7
*[026]

12-7
[026]

3-9
[027]

3-10
[036]

3-11
[037]

3-12
[048]

4-2
[013]

4-3
*[014]

4-4
[015]

4-5
[016]

4-12
[048]

5-1
[012]

11-3
*[012]

5-2
[013]

11-6
*[013]

5-3
[014]

11-12
[014]

5-5
[016]

5-11
[037]

5-12
[048]

6-1 [012] 6-2 [013] 9-2 [013] 6-3 [014]

6-6 [024] 6-8 [026] 9-10 *[026] 6-10 [036]

7-2 [013] 6-12 *[014] 7-6 [024] 7-8 *[026]

12-12 *[026] 7-10 [036] 7-11 [037] 7-12 [048]

4-1 [014] 1-8 [026] 5-8 [026] 8-8 [026]


12-8 *[026] 8-10 [036] 4-6 [037]

9-1 [012] 9-4 [015] 9-6 [024] 9-7 [025] 9-8 *[026]

7-1 [026] 9-3 [026] 7-5 *[026] 7-4 [037] 7-3 [048] 10-12 [048]

4


11-1 [012] 11-2 [013] 11-5 [016] 11-8 [026] 11-10 [036]



8-5 *[012] 10-8 *[012] 12-1 [012] 6-5 *[013] 9-5 *[013] 10-10 *[013]



12-2 [013] 12-3 [014] 12-4 [015] 12-5 [016] 1-5 [016] 10-5 [016]



Hindemithian Trichords

Simplified Sets

1-1 8-1 10-1 [012] 8-2 *[012] 1-2 10-2 [013] 5-10 *[013] 8-3 10-6 [013] 1-3 10-3 [014]

(-e) (-e) (-e) (-e) (-e) (-e)

2-10 12-11 [014] 2-12 *[014] 2-8 12-9 [015] 8-11 [015] 2-1 10-9 [016] 2-5 *[016]

(-e) (-e) (-e) (-e) (-e) (-e)

1-6 5-6 8-6 [024] 12-6 [024] 2-6 [025] 2-7 *[025] 2-2 10-11 [026] 2-4 *[026]

(-e) (-e) (-e) (-e) (-e) (-e)

4-11 [026] 8-12 *[026] 9-12 *[026] 1-9 2-9 8-9 [027] 4-9 [027] 1-10 12-10 [036]

(-e) (-e) (-e) (-e) (-e) (-e)

2-3 [036] 4-10 *[036] 1-11 2-11 6-11 [037] 9-9 [037]

(-e) (-e) (-e) (-e)

9-11 *[037] 11-9 [037] 1-12 [048] 11-11 [048]

(-e) (-e) (-e) (-e)

6-9 *[013] 5-9 *[024] 7-9 *[026]

(-e) (-e) (-e)

3-1 [012] 8-4 10-7 11-4 *[012] 3-2 6-4 [013] 6-7 *[013] 11-7 *[013] 3-3 5-4 [014]

1-4 3-4 10-4 [015] 3-5 [016] 3-6 5-7 [024] 1-7 3-7 8-7 [025] 3-8 12-7 [026]

7-7 *[026] 3-9 [027] 3-10 [036] 3-11 [037] 3-12 [048]

4-2 [013] 4-3 *[014] 4-4 [015] 4-5 [016] 4-12 [048]

5-1 [012] 11-3 *[012] 5-2 [013] 11-6 *[013] 5-3 [014]

11-12 [014] 5-5 [016] 5-11 [037] 5-12 [048]

6-1 [012] 6-2 [013] 9-2 [013] 6-3 [014]

6-6 [024] 6-8 [026] 9-10 *[026] 6-10 [036]

7-2 [013] 6-12 *[014] 7-6 [024] 7-8 *[026]

12-12 *[026] 7-10 [036] 7-11 [037] 7-12 [048]

4-1 [014] 1-8 8-8 12-8 5-8 [026] 8-10 [036] 4-6 [037]

9-1 [012] 9-4 [015] 9-6 [024] 9-7 [025] 9-8 *[026]

7-1 [026] 9-3 [026] 7-5 *[026] 7-4 [037] 7-3 [048] 10-12 [048]

11-1 [012] 11-2 [013] 11-5 [016] 11-8 [026] 11-10 [036]

8-5 10-8 12-1 6-5 10-10 12-2 9-5 12-3 12-4 1-5 10-5 12-5
 *[012] *[013] *[013] [014] [015] [016]

Hindemithian Trichords

Prime Sets

[012]/Oa [012]/Ob [013]/Oa [013]/Ob [013]/Oc [014]/Oa

[014]/Ob [014]/Oc [015]/Oa [015]/Ob [016]/Oa [016]/Ob

[024]/Oa [024]/Ob [025]/Oa [025]/Ob [026]/Oa [026]/Ob

[026]/Oc [026]/Od [026]/Oe [027]/Oa [027]/Ob [036]/Oa

[036]/Ob [036]/Oc [037]/Oa [037]/Ob

[037]/Oc [037]/Od [048]/Oa [048]/Ob

[013]/7a [024]/7a [026]/7a

[012]/5a [012]/5b [013]/5a [013]/5b [013]/5c [014]/5a

[015]/5a [016]/5a [024]/5a [025]/5a [026]/5a

[026]/5b [027]/5a [036]/5a [037]/5a [048]/5a

[013]/9a [014]/9a [015]/9a [016]/9a [048]/9a

[012]/4a [012]/4b [013]/4a [013]/4b [014]/4a

[014]/4b [016]/4a [037]/4a [048]/4a

[012]/3a [013]/3a [013]/3b [014]/3a

[024]/3a [026]/3a [026]/3b [036]/3a

[013]/8a [014]/8a [024]/8a [026]/8a

[026]/8b [036]/8a [037]/8a [048]/8a

[014]/2a [026]/2a [026]/2b [036]/2a [037]/2a

[012]/10a [015]/10a [024]/10a [025]/10a [026]/10a

[026]/1a [026]/1b [026]/1c [037]/1a [048]/1a [048]/1b

[012]/11a [013]/11s [016]/11s [026]/11a [036]/11a

[012]/6a [013]/6a [013]/6b [014]/6a [015]/6a [016]/6a

Hindemithian Trichords

Artificial Sets

[012]/7* [012]/7*- [014]/7* [014]/7*- [015]/7* [015]/7*-

[016]/7* [016]/7*- [025]/7* [025]/7*- [027]/7* [027]/7*-

[036]/7* [036]/7*- [037]/7* [037]/7* [048]/7* [048]/7*-

[012]/9* [012]/9*- [024]/9* [024]/9*- [025]/9* [025]/9*- [026]/9*

[026]/9*- [027]/9* [027]/9*- [036]/9* [036]/9*- [037]/9* [037]/9*-

[015]/4* [015]/4*- [024]/4* [024]/4*- [025]/4* [025]/4*- [026]/4*

[026]/4*- [027]/4* [027]/4*- [036]/4* [036]/4*- [037]/4* [037]/4*-

[015]/3* [015]/3*- [016]/3* [016]/3*- [025]/3* [025]/3*-

[027]/3* [027]/3*- [037]/3* [037]/3*- [048]/3* [048]/3*-

[012]/8* [012]/8*- [015]/8* [015]/8*- [016]/8*

[016]/8*- [025]/8* [025]/8*- [027]/8* [027]/8*-

[012]/2* [012]/2*- [013]/2* [013]/2*- [015]/2* [015]/2*- [016]/2* [016]/2*-

[024]/2* [024]/2*- [025]/2* [025]/2*- [027]/2* [027]/2*- [048]/2* [048]/2*-

[013]/10* [013]/10*- [014]/10* [014]/10*- [016]/10* [016]/10*-

[025]/10* [025]/10*- [025]/10* [025]/10*- [027]/10* [027]/10*-

[036]/10* [036]/10*- [037]/10* [037]/10*- [048]/10* [048]/10*-

[012]/1* [012]/1*- [013]/1* [013]/1*- [014]/1* [014]/1*-

[015]/1* [015]/1*- [016]/1* [016]/1*- [024]/1* [024]/1*-

[025]/1* [025]/1*- [027]/1* [027]/1*- [036]/1* [036]/1*-

[014]/11* [014]/11*- [015]/11* [015]/11*- [024]/11* [024]/11*- [025]/11*

[025]/11*- [027]/11* [027]/11*- [037]/11* [037]/11*- [048]/11* [037]/11*-

[024]/6* [024]/6*- [025]/6* [025]/6*- [026]/6* [026]/6*- [027]/6*

[027]/6*- [036]/6* [036]/6*- [037]/6* [037]/6*- [037]/6* [037]/6*-

Kore I Figures

Anna Webber

1. [014] 2. [014] 3. [014]

4. [012] 5. [025] 6. [026]

7. [026] 8. [012] 9. [026]

1.[014] 2.[014] 3.[014]

4.[012] 5.[025] 6.[026]

7.[026] 8.[012] 9.[026]

[014]/5a	[014]/Ob	[014]/9a
[014]/5a	[014]/Ob	[014]/9a

[012]/Ob	This must be the "prime" [037]/5a	[013]/6b
[012]/Ob	[037]/5a	[013]/6b

[036]/8a	[012]/5b	[026]/8a-
[036]/8a	[012]/5b	[026]/8a-

A musical staff with five measures. Each measure contains a chord with a bracketed fingering number above it and a circled number below it. The chords and fingerings are: [014] (0), [014] (0), [014] (0), [012] (0), and [037] (0). The notes in the chords are: G4, B4, D5; G4, B4, D5; G4, B4, D5; G4, B4, D5; G4, B4, D5.

A musical staff with four measures. Each measure contains a chord with a bracketed fingering number above it and a circled number below it. The chords and fingerings are: [013] (0), [036] (0), [012] (0), and [026] (0). The notes in the chords are: G4, B4, D5; G4, B4, D5; G4, B4, D5; G4, B4, D5.

[014]/5a [014]/Ob [014]/9a [012]/Ob [037]/5a

Detailed description: This musical staff contains five chords. 1. [014]/5a: Treble clef, one flat key signature, notes G4, Bb4, D5, with a circled G4 below. 2. [014]/Ob: Treble clef, one sharp key signature, notes G4, B4, D5, with a circled G4 below. 3. [014]/9a: Treble clef, one flat key signature, notes G4, Bb4, D5, with a circled G4 below. 4. [012]/Ob: Treble clef, one sharp key signature, notes G4, B4, D5, with a circled G4 below. 5. [037]/5a: Treble clef, one flat key signature, notes G4, Bb4, D5, with a circled G4 below.

[013]/6b [036]/8a [012]/5b [026]/8a-

Detailed description: This musical staff contains four chords. 1. [013]/6b: Treble clef, one flat key signature, notes G4, Bb4, D5, with a circled G4 below. 2. [036]/8a: Treble clef, one sharp key signature, notes G4, B4, D5, with a circled G4 below. 3. [012]/5b: Treble clef, one flat key signature, notes G4, Bb4, D5, with a circled G4 below. 4. [026]/8a-: Treble clef, one sharp key signature, notes G4, B4, D5, with a circled G4 below.

[014] [014] [014] [012] [025]

A musical staff with a treble clef and a key signature of one sharp (F#). It contains five measures of music. Each measure features a chord with a circled number below it. The chords and their fingering are: Measure 1: [014] (circled 14); Measure 2: [014] (circled 14); Measure 3: [014] (circled 14); Measure 4: [012] (circled 12) with a sharp sign above the staff; Measure 5: [025] (circled 25).

[026] [026] [012] [026]

A musical staff with a treble clef and a key signature of one sharp (F#). It contains four measures of music. Each measure features a chord with a circled number below it. The chords and their fingering are: Measure 1: [026] (circled 26); Measure 2: [026] (circled 26); Measure 3: [012] (circled 12) with a sharp sign above the staff; Measure 4: [026] (circled 26) with a sharp sign above the staff.

[014]	[014]	[014]	[012]	[037]
T5	T5	T2	T5	T0
[014]/5a	[014]/Ob	[014]/9a	[012]/Ob	[037]/5a

[013]	[036]	[012]	[026]
T6	T8	T10	T11
[013]/6b	[036]/8a	[012]/5b	[026]/8a-

[014]/5a	[014]/Ob	[014]/9a	[012]/Ob	[037]/5a
5/0 (5)	6/5 (7)	5/4 (5-5)	6/5 (7)	0/0 (0)
[037]/5a	[037]/5a	[037]/5a	[037]/5a	[037]/5a

[013]/6b	[036]/8a	[012]/5b	[026]/8a-
5/1 (11)	1/3 (3.67)	6/0 (6)	2/3 (5.67)
[037]/5a	[037]/5a	[037]/5a	[037]/5a

(3.67)

(5)

(5.5)

(5.67)

| [037]/5a [036]/8a [014]/5a [014]/9a [026]/8a-

(6)

(7)

(7)

(11)

| [012]/5b [014]/Ob [012]/Ob [013]/6b

[037]/5a [036] [014] [014] [026]

The first staff contains five measures of music. Each measure shows a chord in a specific voicing. The chords are labeled above the staff: [037]/5a, [036], [014], [014], and [026]. Below each chord, a circled number indicates the voicing: (0), (8), (0), (0), and (0) respectively. The notes are written on a five-line staff with a treble clef and a key signature of one flat.

[012] [014] [012] [013]

The second staff contains four measures of music. Each measure shows a chord in a specific voicing. The chords are labeled above the staff: [012], [014], [012], and [013]. Below each chord, a circled number indicates the voicing: (0), (0), (0), and (8) respectively. The notes are written on a five-line staff with a treble clef and a key signature of one flat.

(5)

(7)

(5-5)

(7)

(0)

[014]/5a

[014]/Ob

[014]/9a

[012]/Ob

[037]/5a

Musical notation for the first system, showing five chords in the treble clef with figured bass notation below them. The chords are: [014]/5a, [014]/Ob, [014]/9a, [012]/Ob, and [037]/5a. The bass line is empty.

(11)

(3.67)

(6)

(5.67)

[013]/6b

[036]/8a

[012]/5b

[026]/8a-

Musical notation for the second system, showing four chords in the treble clef with figured bass notation below them. The chords are: [013]/6b, [036]/8a, [012]/5b, and [026]/8a-. The bass line is empty.