

Tetrachordeal

for Orchestra

Frans Absil

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Tetrachordeal

Composer: Frans Absil

Copyist: Frans Absil

Duration: 1'56"

No. of Pages: 11

Instrumentation:

Piccolo
Flute 1
Flute 2
Oboe 1
Oboe 2
Clarinet (B Flat) 1
Clarinet (B Flat) 2
Bass Clarinet (B Flat)
Bassoon 1
Bassoon 2
Contrabassoon
French Horn (F) 1
French Horn (F) 2
French Horn (F) 3
Trumpet (B Flat) 1
Trumpet (B Flat) 2
Trumpet (B Flat) 3
Trombone 1
Trombone 2
Trombone 3
Bass Trombone
Tuba
Timpani
Harp
Marimba
Bass Drum
Clash Cymbal
Suspended Cymbal
Bell Tree
Tambourine
Triangle
Violin I
Violin II
Viola
Violoncello
Double Bass
Synth Bass

Description and Performance Notes:

This orchestral composition is used as the example for the YouTube video tutorial on the combination of tonal harmony, a triadic chord progression with Riemannian transformations, with atonal harmony using Pitch-Class Sets (PCS).

The piece is subdivided into 8 sections, juxtaposing Riemannian and PCS harmony.

The Riemannian chord progression is centered around the key C minor: Cm-Abm-G-E-Cm, with two chromatic mediant triad pairs, a SLIDE transformation and a pair of hexatonic, triple root, symmetric scale triads.

The PCS is based on the all-interval tetrachord 4-Z15 and its Z-related companion 4-Z29. The harmony uses various PCS properties such as the original, transposed and inverted form, common notes for different forms, and the PCS 6-22 and 6-Z49 hexachord supersets in a least dissonant voicing.



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Tetrachordeal



Full score, dur.: 1'56"

for Orchestra

Frans Absil

Moderato, misterioso $\text{♩} = 84$

1 2 3 4 5 6 7 8

Piccolo

Flute 1 2

Oboe 1 2

Clarinet in B \flat 1.2

Bass Clarinet

Bassoon 1 2

Contrabassoon

French Horn in F 1.2 3

Trumpet in B \flat 1 2.3

Trombone 1 2

Trombone 3

Bass Trombone

Tuba

Timpani

Harp

Marimba

Bass Drum

Clash Cymbal

Suspended Cymbal

Bell Tree

Tambourine

Triangle

Violin I

Violin II

Viola

Violoncello

Double Bass

Synth Bass

p

pizz.

p

p



9 10 11 12 13 14 15 16
A poco meno, delicato ♩ = 80

The musical score is arranged in a standard orchestral format. The woodwind section includes Piccolo, Flutes 1 and 2, Oboes 1 and 2, Clarinets in Bb 1 and 2, Bass Clarinet, Bassoons 1 and 2, and Contrabassoon. The brass section includes French Horns in F 1 and 2, French Horn in F 3, Trumpets in Bb 1, 2, and 3, Trombones 1 and 2, Trombone 3, Baritone Trombone, and Tuba. The percussion section includes Timpani, Maracas, Bass Drum, Cymbals (Clash, Suspended), Snare Drum, and Triangle. The string section includes Violins I and II, Viola, Violoncello, Double Bass, and Sub Bass. The score features various dynamics such as *mf* (mezzo-forte) and *p* (piano), and includes articulation marks like accents and slurs. The tempo is marked 'poco meno, delicato' with a metronome marking of ♩ = 80. The key signature is Bb major (two flats).

B primo tempo ♩ = 84

17 18 19 20 21 22 23

Picc. 1. *mf*

Fl. 1/2 *mf*

Ob. 1/2

Cl. in Bb 1/2

B. Cl.

Bsn 1/2 *p*

Cbsn

F. Hn in F 1/2

F. Hn in F 3

Tpt in Bb 1/2, 3

Tbn. 1/2

Tbn. 3

B. Tbn.

Tba

Timp.

Hp *p*

Mar.

B. Dr. *p*

Cl. Cym.

Sus. Cym.

B. Tr.

Tamb.

Tri. *p*

Vln I *p*

Vln II *p*

Vla *p*

Vc. *arco*

D. B. *arco* *p*

S. Bass *p*

30

31

32

33

34

1.

2.

a 2

take off cloth

mf

p

mf

p

mf

p



35

36

37

38

39

E molto espressivo ♩ = 84

40 41 42 43

Picc. *ff*

Fl. 1.2

Ob. 1/2 *ff* a 2

Cl. in Bb 1.2 *ff*

B. Cl. *ff*

Bsn 1/2 *ff*

Cbsn *ff*

F. Hn in F 1/2 *f* *cresc.*

F. Hn in F 3 *f* *cresc.*

Tpt in Bb 1/2.3 *f* *cresc.*

Tbn. 1/2 *f* *cresc.*

Tbn. 3 *f* *cresc.*

B. Tbn. *f* *cresc.*

Tba *f* *cresc.*

Timp. *cresc.*

Hp

Mar.

B. Dr. *mf* *cresc.*

Cl. Cym. *f* *cresc.*

Sus. Cym. *mf* *f* *cresc.*

B. Tr.

Tamb.

Tri.

Vln I *mf* *f*

Vln II *mf* *f*

Vla *mf* *f*

Vc. *mf* *f*

D. B. *cresc.*

S. Bass *cresc.*

cresc.

Tetrachordeal



44 G 45 ♩ = 76 46 ♩ = 84 47 ♩ = 76 48

Picc.
 Fl. 1 2
 Ob. 1.2
 Cl. in Bb 1.2
 B. Cl.
 Bsn 1 2
 Cbsn
 F. Hn in F 1 2.3
 Tpt in Bb 1.2.3
 Tbn. 1.2.3
 B. Tbn.
 Tba
 Timp.
 Hp
 Mar.
 B. Dr.
 Cl. Cym.
 Sus. Cym.
 B. Tr.
 Tamb.
 Tri.
 Vln I
 Vln II
 Vla
 Vc.
 D. B.
 S. Bass

Tetrachordeal

49

50

51

52

53

♩ = 84

ritardando.....

Picc.

Fl. 1.2

Ob. 1.2

Cl. in Bb 1.2

B. Cl.

Bsn 1
2

Cbsn

F. Hn in F 1
2.3

Tpt in Bb 1.2.3

Tbn. 1.2
3

B. Tbn.

Tba

Timp.

Hp

Mar.

B. Dr.

Cl. Cym.

Sus. Cym.

B. Tr.

Tamb.

Tri.

Vln I

Vln II

Vla

Vc.

D. B.

S. Bass