

Double Exposure

for Orchestra and Ethnic Instruments

Frans Absil

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Double Exposure

Composer: Frans Absil

Copyist: Frans Absil

Duration: 3'32"

No. of Pages: 12

Instrumentation:

Piccolo
Flute 1
Flute 2
Alto Flute
Oboe
Clarinet (B Flat)
Bass Clarinet (B Flat)
Bassoon
Tenor Saxophone (B Flat) 1
Tenor Saxophone (B Flat) 2
Baritone Saxophone (E Flat)
French Horn (F) 1
French Horn (F) 2
French Horn (F) 3
French Horn (F) 4
Trombone 1
Trombone 2
Trombone 3
Bass Trombone
Tuba
Synthesizer 1
Synthesizer 2
Vibraphone
Bass Guitar
Bass Drum
Clash Cymbal
Suspended Cymbal
Doubek
Djembe
Conga
Shaker
Floor toms
Bansuri
Qanun
Violin I
Violin II
Viola
Violoncello
Double Bass

Description and Performance Notes:

This ambient mood orchestral composition is used as the example for the YouTube video tutorial on the combination of 4-part Schillinger Hybrid Harmony, with atonal harmony using Pitch-Class Set (PCS) 5-9. The instrumentation is a mix of orchestral and ethnic (percussion) instruments.

The piece is subdivided into a number of sections, juxtaposing 4-part diatonic hybrid harmony and PCS continuities. The hybrid harmony has variable tension, extended chords in 3rds, derived from a 7-pitch scale, a C minor mode.

The PCS is based on the set 5-9. The harmony uses various PCS properties such as the original, transposed and inverted form, with common notes for different forms. These PCS sections use the major 3rd, major and minor 2nd overlap property. A melodic phrase is based on sequence of all intervals from the PCS interval vector. PCS 5-9 is also a subset of the diatonic scale.

The final diatonic hybrid harmony statement uses a strata harmony approach. Four layers use perfect 4th coupling below the root chord in the lower layer, doubling of the 3-part harmony layer and a melody layer in the middle.

There's a returning rhythmic pattern in 16th notes, based on a Schillinger rhythm with a linear growth series (1-2-3-4) in various permutations.



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Double Exposure



Full score, dur.: 3'32"

for Orchestra and Ethnic Instruments

Frans Absil

1 Ambient $\text{♩} = 66$ 2 3 A 4 5 6

Piccolo

Flute 1.2

Alto Flute

Oboe

Clarinet in Bb

Bass Clarinet

Bassoon

Tenor Saxophone 1 2

Baritone Saxophone

French Horn in F 1.2.3 4

Trombone 1.2

Trombone 3 Bass Trombone

Tuba

Synthesizer 1 *p* NI Absynth 5 8va

Synthesizer 2 *p* NI FM8 NI Sine Bass *p*

Vibraphone

Bass Guitar

Bass Drum

Clash Cymbal

Suspended Cymbal

Doumbek *mf*

Djembe *mf*

Conga *mf*

Shaker

Floor toms *mf*

Bansuri *mf*

Qanun

Violin I *p*

Violin II *p*

Viola *p*

Violoncello *p*

Double Bass *p*



19

20

21

22

23

24

The musical score is arranged in a standard orchestral layout. The top section includes woodwinds (Piccolo, Flutes 1 & 2, Alto Flute, Oboe, Clarinet in Bb, Bass Clarinet, Bassoon, Tenor Saxophone 1 & 2, Baritone Saxophone) and brass (French Horn in F 1, 2, 3, 4, Trombone 1 & 2, Trombone 3, Bass Trombone, Tuba). The middle section features electronic instruments (Synth 1, Synth 2) and a vibraphone. The bottom section includes percussion (Bass Guitar, Bass Drum, Cymbals, Snare Drum, Congas, Shakers, Fl. Toms, Bansuri, Qanun) and strings (Violin I, Violin II, Viola, Violoncello, Double Bass). The score is in a key signature of three flats (Bb, Eb, Ab) and a 4/4 time signature. It includes dynamic markings such as *mf* and *p*, and specific performance instructions for the synthesizers: "NI Absynth 5" and "NI Super 8".



30

31

32

33

34

35

36

E tranquil, mysterious $\text{♩} = 60$

Picc.

Fl. 1
2

A. Fl.

Ob.

Cl. in Bb

B. Cl.

Bsn

T. Sax. 1
2

Bar. Sax.

F. Hn in F 1.2
3

F. Hn in F 4

Tbn. 1.2

Tbn. 3
B. Tbn.

Tba

Synth. 1

Synth. 2

Vib.

B. Gr.

B. Dr.

Cl. Cym.

Sus. Cym.

Dou.

Djem.

Con.

Shak.

Fl. toms

Bans.

Qanun

Vln I

Vln II

Vla

Vc.

D. B.

1.

mf *p* *mf*

1.2. a 2

mf *p* *mf* *mf*

a 2

mf *p* *mf*

NI FM8

NI Absynth 5

NI Super 8

mf

mf

mf *p* *mf* *p* *mf*

solo

mf *espressivo*

solo

mf *espressivo*



42 43 44 45 46

G strong, with expression ♩ = 64

Picc. *f*

Fl. 1 2

A. Fl.

Ob.

Cl. in Bb

B. Cl.

Bsn

T. Sax. 1.2 *a 2*

Bar. Sax.

F. Hn in F 1.2.3 4 *a 4*

Tbn. 1.2 *ff*

Tbn. 3 *f*

B. Tbn. *f*

Tba

Synth. 1 *NI Massive* *p* *f*

Synth. 2 *NI Sine Bass* *f*

Vib.

B. Gtr. *f*

B. Dr. *mf*

Cl. Cym.

Sus. Cym. *p* *mf*

Dou.

Djem.

Con.

Shak.

Fl. toms *f*

Bans.

Qanun *f*

Vln I *f*

Vln II *f*

Vla. *f*

Vc. *f*

D. B. *f*



47

48

49

50

H peaceful, folk style ♩ = 62

The musical score is arranged in a standard orchestral layout. The top section includes woodwinds: Piccolo, Flute 1 & 2, Alto Flute, Oboe, Clarinet in Bb, Bass Clarinet, Bassoon, Tenor Saxophone 1 & 2, and Baritone Saxophone. The middle section features brass and strings: French Horn in F 1, 2, 3 & 4, Trumpet 1 & 2, Trumpet 3, Trombone, Tuba, Synthesizer 1, Synthesizer 2, Vibraphone, Bass Guitar, and Double Bass. The bottom section contains percussion: Bass Drum, Cymbal, Suspended Cymbal, Drum Set (Dou, Djem, Con), Shaker, Fl. toms, and Bansuri. The string section at the bottom includes Violin I, Violin II, Viola, Violoncello, and Double Bass. The score spans measures 47 to 51, with a rehearsal mark 'H' at measure 51. The tempo is marked as 'peaceful, folk style' with a quarter note equal to 62 beats per minute. Dynamics such as *f* and *mf* are indicated throughout the score.



52

53

54

55

56

57

The musical score is arranged in a standard orchestral layout. The instruments are listed on the left side of the page, grouped into woodwinds, brass, strings, and percussion. The score spans measures 52 to 57. The woodwind section includes Piccolo, Flutes 1 and 2, Alto Flute, Oboe, Clarinet in Bb, Bass Clarinet, Bassoon, Tenor Saxophone 1 and 2, and Baritone Saxophone. The brass section includes French Horns in F (1, 2, 3, 4), Trumpets 1 and 2, Trumpets 3 and 4, and Trombone. The string section includes Violin I, Violin II, Viola, Violoncello, and Double Bass. The percussion section includes Synthesizer 1 and 2, Vibraphone, Bass Drum, Cymbals (Clash, Suspended), Snare Drum, Congas, Shakers, and Tom-toms. The score features various musical notations such as rests, notes, slurs, and dynamic markings like *mf* and *p*. The key signature is Bb major, and the time signature is 4/4.