

Argos Pansonos

version dec 2015

(or the meaning of k-means)

Composition for Piano, Computer and 3D Surround Audio System.

Michèl Koenders

Duration (performance time): approx. 12'30 mins.

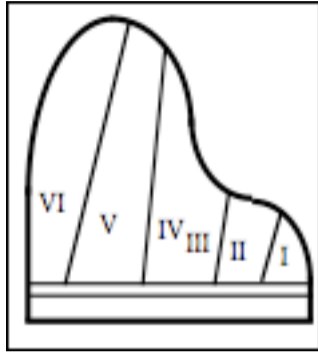
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1492-1494 Pinturicchio, Bernardino (circa 1452-1513)

Score explanation



Register notation is used at specific places in the score.
The precise division of the registers depends on the actual inside framework of the piano.
When it's not possible to create 6 separated registers, 5 will also do.
(Register III & IV can be combined into 1).

All specific techniques are explained further when used for the first time in the score.

The use of extended techniques: All inside the Piano:

The use of 2 small metal chains.

The use of a - heavy - metal (steel-chrome or Brass) guitar slide.

The use of 2 Chinese (handheld) metal balls (Boading Balls).

The use of a pair of - metal - wirebrushes (no nylon !).

All accidentals are valid just for one bar.

All tempo markings are approx.

NB In some parts the performer has to make use of a stopwatch.

Intro

A ♩ = 74

Piano

Max/MSP

Multiple Delay lines

0:00 0:03 0:06 0:10

subito ♩ = 48 rit.

pp f ff

p mp

subito p

loco

subito ♩ = 74

pia.

MM

0:16 0:22 0:28 0:32

(RH)

mp f

subito pp f

loco

pia.

MM

0:35 0:38 0:41 0:45

f ff

subito pp ff

subito p

8va

sfz

B ♩ = 48

pia.

MM

0:49 0:53 0:56 1:00 1:03

ppp pp mp f

1/2 Leo.

loco

18

pia. *mp sfz p ppp pp mf pp*

MM *1:06 1:10 1:13 1:16 1:20*

23

a tempo ♩ = 48

pia. *p pp mp*

MM *f p ppp pp*

MM *1:23 1:26 1:31 1:35 1:39*

28

pia. *mf f ff*

MM *mf p subito ff*

MM *1:43 1:47 1:51 1:55*

C ♩ = 48

32

pia. *pp p ppp mp pp*

MM *pp ppp pp*

MM *2:02 2:08 2:13 2:18 2:23 2:28 2:34 2:39 2:46 2:52*

(2) Harmonizing

42

pia. *mp f ff ffff*

MM *mf p mf pp*

MM *2:56 3:01 3:06 3:11*

L.V.

D ♩ = 96 *rit.* -----, **a tempo** ♩ = 64

Ord. *8^{va}* ----- loco

f *sfz* *ff* *clus. (#-b)* *clus. (#-b)*

f *subito pp* *p* *mf* *p* *mf*

$\frac{1}{2}$ Sea $\frac{1}{2}$ Sea

MM 3:16 3:19 3:24 3:29

E ♩ = 60

Use small chains - take small chains in left hand play irregular with short sudden movements.

short sound and subito damping with other hand

Inside piano 0:00 gliss. 0:05 0:10 Drop chains into piano 0:15 0:20 L.V. → 0:25

(Use stopwatch)

Slide along the strings

Block pedal

mp *mp* *mf* *p* *f* *ff*

mf *p* *pp* *mf* *fff*

MM 4 FFT Stretching

3:33 3:38 3:43 3:48 3:53 3:58 4:03

F Inside piano 0:35 0:40 0:50 0:55

(Use Wirebrushes)

mf *f* *p* *mf* *f*

mf *subito ff* *subito p* *sfz* *mf* *ff* *subito p* *f*

⊕ (dampen with hand)

⊕ (dampen with hand)

Play before 'bridge' - Ord.

Play before 'bridge'

MM 5 Harmonizing

4:08 4:13 4:18 4:23 4:28

62 1:00 1:05 1:10 1:15 1:20 Ord. loco

p *mf* *ff* *f* *p*

mf *p* *f* *fffz* *f* *p*

gliss. gliss. gliss. gliss. L.V.

⊕ (dampen with hand)

Unblock pedal loco

MM 4:33 4:38 4:43 4:48 4:53 4:58

♩ = 64

68 8

loco

8^{va} (except when used: ⊕)

MM 5:03 5:07 5:11 5:16

72 8

8^{va}

15^{ma}

MM 5:20 5:24 5:28 5:32 5:35

subito ♩ = 48

77 8

(15^{ma})

8^{va}

MM 5:39 5:44 5:49

G (♩ = 48)

8va
8vb
fff p mf f ppp p f mf subito f fff pppp

MM 5:54 6:00 6:07 6:13

H Inside piano ♩ = 1 sec

Block pedal ♩ = 60 (Use Slide)

84

0:00 0:05 0:10 0:15 0:20 0:25 0:30

rubato Make tiny squeek sounds Ord. gliss. gliss. gliss.

f p mf p mf sfz subito p f sfz

Throw slide on strings Slide over the strings (registers)

MM 6:19 6:24 6:29 6:34 6:39 6:44 6:49

91

0:35 0:40 0:45 0:50 0:55 1:00

gliss. (dampen with hand) L.V. L.V. Throw slide on strings L.V. loco

f sfz mf subito p mf subito f

Unblock pedal

MM 6:54 6:59 7:04 7:09 7:14 7:19

♩ = 64

97 rubato

15ma 8va 8vb poco a poco

f p mp subito ff subito pp mf pp mp f f subito pp

MM 7:24 7:28 7:32 7:35

9 Harmonizing

101 Ord.

Musical score for measures 101-105. The score is written for two staves (treble and bass clef) and includes a MIDI piano roll below. The piano roll shows a timeline from 7:40 to 7:59. The music features dynamic markings such as *ppp*, *p*, *subito p*, *subito mf*, *mf*, and *subito pp*. Performance instructions include *clus.*, *8^{va}*, and *loco*. The MIDI piano roll includes a *8^{vb}* label.

106

Musical score for measures 106-110. The score is written for two staves (treble and bass clef) and includes a MIDI piano roll below. The piano roll shows a timeline from 8:03 to 8:27. The music features dynamic markings such as *f*, *subito p*, *subito ff*, *subito p*, *subito f*, *fff*, *subito pp*, *subito mf*, and *p*. Performance instructions include *8^{va}* and *loco*. The MIDI piano roll includes a *loco* label.

13-05-2013, Mollymook/Ulladulla
21-02-2016, Utrecht