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Penta Rhei

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Author

Gioco, Lorenzo

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LORENZO GIOCO

PENTA RHEI

Per Organo e Orchestra

The piece analyses in five different momentos some typical organ techniques linking them to the five elements of the Greek gnosiology.

In the first section (Fire, the dynamism) it's developed the fast triads staccato, which has a bright aspect, in dialogue with the orchestra. The idea of the fire is represented by the incessant becoming of the musical speech and by the considerable energy of this part.

The second section (Air, the evanescence) develops the fade-in of the swell organ, obtained by open the box of the III manual. The concept is passed to the orchestra by the use of the crescendo and sforzato that, in some way, imitate it and bring it in a more energetic dimension. This idea had just been used and developed in the first section. The concept of air is evoked by the delicate sound of the Voce Celeste and by the tremolos of the woodwinds.

The short cadenza (Ether, the origin of the world) proposes again the main organ techniques just used, played by the main instrument.

The fourth (Water, the transparency) highlights the clear sonorities of the mutation stops (in dialogue with the same limpid sound of the harmonics of the strings) to suggest the sound of the flowing water.

The fifth (Earth, the gravity) uses the fast triads staccato again: this element is now conversing with the main theme which becomes the subject of a fugato episode. The very idea of the fugue embraces the organ context that, since ancient time, was used in several organ compositions. Along with the subject we have a chromatic element played by the orchestra that opens to a cluster; this, as well as the others, is linked to the organ, instrument in which it is particularly efficient. Besides, the constant return to very low sonorities and the use of the clusters evoke the idea of deep and density.

ORCHESTRA

3 Flauti (III doppia Ottavino)
2 Oboi
3 Clarinetti in Sib (III doppia Clarinetto Basso)
2 Fagotti

4 Corni
4 Trombe
3 Tromboni tenori (III con la ritorta)
Tuba

Percussioni (3 esecutori): Timpani, Vibrafono, Xilofono, Crotali, Gran cassa,
4 Tom-toms, Bongo, Tamburo militare, 5 Temple blocks,
Frustra, Piatto, Tam-tam, Triangolo, Raganella

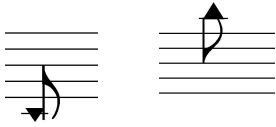
Arpa
Pianoforte
Celesta

Organo*

16 Violini I
14 Violini II
12 Viole
10 Violoncelli
8 Contrabbassi (almeno 3 con V corda)

NOTES ON PERFORMANCE

For the orchestra



They indicate the lower or higher pitch of the instrument, undetermined.

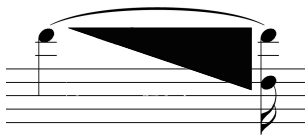
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For the woodwinds and the brass it indicated when they have to breath in the long notes, the attack of the sound after the breath mustn't be accentuated.

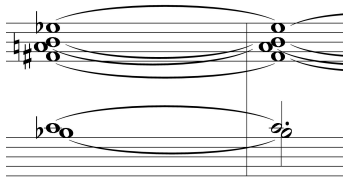
For the organ



It indicates that the notes under the black line mustn't be released until the end of the line itself.

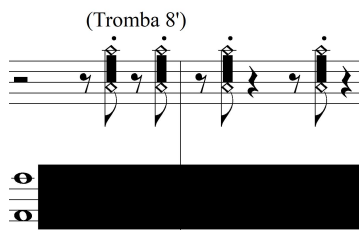
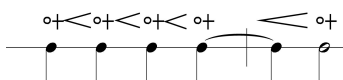


It indicates a chromatic cluster that has to expand from a single note to the interval written.



It indicates the use of the crescendo of the swell;
teh + means box closed, O means box open,

O+ indicates that the box has to open and suddelny close like a *sfp*



It indicates the momentary addition of the stop written above the rhomboid chords: this chords have not to be articulated, but the point out the sound result.

PENTA RHEI

Per Organo concertante
e Orchestra

Partitura in Do

Candidato: Gioco Lorenzo

Maestoso ♩=85

A **Fuoco, la dinamicità**

Ottavino

Flauto I, II

Oboe I, II

Clarinetto in Si^b I, II

Clarinetto III
Clarinetto Basso

Fagotto I, II

Corno in Fa I, II

Corno in Fa III, IV

Tromba in Si^b I, II

Tromba in Si^b III, IV

Trombone I, II, III

Tuba

Percussioni

GRAN CASSA

BONGO

TEMPLE BLOCKS

Arpa

Pianoforte/Celesta

PIANOFORTE
col pugno sulla cordiera

Organo

POS. Ripieno, ancia 8' *mf*

Violini I

Violini II

Viola

Violoncelli

Contrabbassi

Con sord. sul pont.

Senza sord. sul tasto

Div. sul tasto

arco

pp *mf* *f* *fpp* *p*

Perc. *fpp*

Org.

Vni I *fpp*

Vni II *fpp*

Vlc. *fpp*

Cb. *fpp*

Fl. I, II *p*

Fl. III *p*

Ob. I *p*

Ob. II *p*

Cl.B. I *p*

Cl.B. II *p*

Cl.B. *CLARINETTO III* *p*

Fg. I *p*

Fg. II *p*

Cr. I, II *pp*

Cr. III, IV *pp*

Trb.S. I, II *pp* *fpp*

Trb.S. III, IV *pp* *fpp*

Perc. *p* *ped.* *perc. III* *BONGO* *TEMPLE BLOCKS* *mf*

Org.

Vni I *Div. a 3* *simile* *fpp*

Vni II *simile* *fpp*

Vlc. *simile* *fpp*

Vc. *Senza sord.* *Unis.* *p* *non legato* *f*

Cb. *non legato* *f* *pp*

Fl. I, II
 Fl. III
 Ob. I
 Ob. II
 Cl.B. I
 Cl.B. II
 Cl.B.
 Fg. I
 Fg. II
 Cr. I, II
 Cr. III, IV
 Trb. Sp. I, II
 Trb. Sp. III, IV
 Tbn. I
 Tbn. II, III
 Tu.
 Perc.
 Pf./Cel.
 Org.
 Vni I
 Vln.
 Vc.
 Cb.

Musical score for page 6 of "Penta Rhei". The score includes parts for Flutes (I, II, III), Oboes (I, II), Clarinets (B-flat I, B-flat II, B-flat), Bassoons (I, II), Cor Anglais (I, II, III, IV), Trumpets (I, II, III, IV), Trombones (I, II, III), Tuba, Percussion (Bongo, G. Cassa), Piano/Cello, Organ, Violins (I), Violas, Cellos, and Double Bass. The score features various dynamics such as *p*, *ffp*, *ff*, *staccato*, *non legato*, *arco*, *div.*, and *sul pont.*. It also includes performance instructions like *arco* and *staccato*. The page number "6" is in the top left, and the title "Penta Rhei" is in the top center.

Penta Rhei

B Poco più (♩=95)

Or.
Fl. I
Fl. II
Ob. I
Ob. II
Cl. B♭ I
Cl. B♭ II
Cl. B.
Fg. I
Fg. II
Trb. Sib. I, II
Trb. Sib. III, IV
Tbn. I, II
Tbn. III
Tu.
VIBRAFONO
XILOFONO
RAGANELLA
Arpa
Pf. Cel.

B Poco più (♩=95)

Org.
Vni I
Vni II
Vle
Vc.
Cb.
Ripieno al G.O.
G.O.
Ance 16/2, 4 all'Espr
Unione G.O. - Dopp.

Penta Rhei

57

Fl. I

Fl. II

Ob. I

Cl.Bb. I

Cl.Bb. II

Fig. I, II

Cr. I, II

Cr. III, IV

Tbn. I, II

Tbn. III

Tu.

Perc.

VIBRAFONO

mp

f

ionono

mp

Apsa

C,D,E,F,G,A,B

Eb, Ab

f

Org

Vni I

gliss.

f

fp

f

Vni II

gliss.

f

fp

f

Vie

Vc.

Tutti

f

Cb.

Fl. I, II *f* *mp* *ff*

Ob. I, II *ff* *mp* *ff*

Cl.Bs. I, II *ff* *mp* *ff*

Fig. I, II *ff* *cresc.*

Cr. I, II *f* *ff* *cresc.*

Cr. III, IV *f* *ff* *cresc.*

Trb.Sib. III, IV *f* *ff* *cresc.*

Tbn. I, II *f* *ff* *cresc.*

Tbn. III *Senza sord.* *f* *ff* *cresc.*

Tu. *Senza sord.* *f* *ff* *cresc.*

Perc. *pp* *cresc. a poco a poco* **PIATTO** *pp* *cresc. a poco a poco*

Arpa C#D#E#F#G#A#B

Org.

Vni I *gliss.* *fp* *ff*

Vni II *gliss.* *fp* *ff*

Vlc. *Div.* *f* *ff*

Vcl. *Div.* *f* *ff*

Cb. *f* *ff*

Penta Rhei

rall.

66

Fl. I, II

Ob. I, II

CLB♭ I, II

Fg. I, II

Cr. I, II

Cr. III, IV

Trb. Sib III, IV

Tbn. I, II

Tbn. III

Tu.

Perc.

Arpa

PF./Cel.

Org.

Vni I

Vni II

Vle

Vc.

Cb.

TIMPANI

cresc.

ff

rall.

Penta Rhei

a tempo

Ott. *fff dim. p*
 Fl. I, II *fff dim. p*
 Ob. I, II *fff dim. p*
 Cl.B. I, II *fff dim. p*
 Cl.B. *fff dim.*
 Fg. I, II *fff dim.*
 Cr. I, II *fff dim.*
 Cr. III, IV *fff dim.*
 Trb.Sib I, II *pp < fff dim. PPP*
 Trb.Sib III, IV *fff dim.*
 Tbn. I, II *fff dim.*
 Tbn. III *< fff dim.*
 Tu. *fff dim.*
 Perc. *fff dim.* XILOFONO *p*
 TOM-TOMS *fff dim.*
 PE/Cel. *fff* *col pugno sulla cordiera*
 Org. *a tempo* G.O. Fondi 8' - Unione all'Espr.
 Vni I *fff dim.*
 Vni II *fff dim.*
 Vlc *fff dim.*
 Vc. *fff dim.*
 Cb. *fff*

Aria, l'evanescenza

C Lento (♩=65)

FL. I, II
 FL. III
 Ob. I
 Cl. B♭ I
 Cl. B♭ II
 Cl. B.
 Fg. I
 Cr. I, II
 Trb. S♭ I, II

C Lento (♩=65)

Org.
 Gamba 8'
 Voce Celeste 8'
 (fondi 8' dolci ad libitum)

sempre molto legato

Vcl.
 Vle.

Fl. I
 Fl. II
 Cl. B♭ I, II
 Cl. B.
 Perc.
 Pf./Cel.
 Org.
 Vni I

solo
 mp
 pp
 CROTTALI
 p
 CELESTA
 G.O. Flauto armonico 8'
 m.s.
 sul pont.
 p < mf

108

Fl. I *p* *frull.* *frull.*

Fl. II *p*

Ob. I *mp*

Ob. II

CLB. I *p* *mp* *solo* *p*

CLB. II *p*

CLB. *p*

Fg. I

Trb. Sib I, II *pp*

VIBRAFONO

Perc. *mp*

Pf./Cel.

Org.

Vni I

Penta Rhei

Musical score for measures 114-118. The score includes parts for Flute I and II, Oboe I and II, Clarinet in Bb I and II, Bassoon I, Trumpet in Bb I and II, Percussion (Crotali and Frusta), Piano/Cello, and Organ. Dynamics range from *mf* to *ff*. Performance markings include *cresc.*, *frull.*, *II*, *I*, *p*, *f*, and *FRUSTA*. The Organ part features a complex texture with multiple voices.

Musical score for measures 119-124. The score includes parts for Flute I and II, Oboe I and II, Clarinet in Bb I and II, Bassoon I, Trumpet in Bb I, II, and III, Trombone I, II, and III, Tuba, Organ, Violin I and II, Viola, and Violoncello. Dynamics range from *mf* to *ff*. Performance markings include *ord.*, *frull.*, *ff*, *Div. sul pont.*, *sul pont.*, *sul pont.*, *Div. a 3*, and *mf*. The Organ part continues with a dense harmonic structure.

154

Org. G.O. Ripieno

POS. Flauto 8',4'

ESPR. Gamba 8', Voce Celeste 8'

- Ancia 16'

158

dolce con calma + Clarinetto 8'

G.O. Flauto 8'

ESPR. Flauto 8', Gamba 8', Larigot 1'1/3

G.O.

162

Ott. *mf*

Fl. I, II *mf*

Ob. I, II *mf*

Cl. B. I, II *mf*

Cl. B. *mf*

Fg. I, II *mf*

Cr. I, II *mf*

Cr. III, IV *mf*

Tu. *mf*

Org. G.O. Flauto 8',2'

Vni I *mf*

Vni II *mf*

Vle *mf*

Vc. *mf*

Cb. *mf*

22 Acqua, la trasparenza

Penta Rhei

D Mosso (♩=115)

Musical score for measures 165-173. The score includes parts for Oboe I and II, Clarinet in B-flat I and II, Bassoon, Flute I and II, and Percussion. The percussion part features BONGO and TEMPLE BLOCKS. The score is marked with dynamics such as *mp* *legg. stacc.* and *mf*. A rehearsal mark **D** is present at the beginning of the section.

D Mosso (♩=115)

Musical score for measures 174-182. The score includes parts for Oboe I and II, Clarinet in B-flat I and II, Bassoon, Flute I and II, and Percussion. The percussion part features CROTALI. The score is marked with dynamics such as *mp* and *f*. A rehearsal mark **D** is present at the beginning of the section. A box at the bottom right of the page contains the text "G.O. Flauto 4.2".

Penta Rhei

185

Ott.

Fl. I

Fl. II

Arpa

Pf./Cel.

Org.

Vni I

Vni II

Vle

Vc.

CELESTA

mf

legg. stacc.

ESPR.

mp

molto sul pont. 2 soli

pp

This page of the musical score for "Penta Rhei" includes the following parts and markings:

- Ott.** (Oboe): Measures 190-192, marked *p*.
- Fl. I** (Flute I): Measures 190-192, marked *p*.
- Fl. II** (Flute II): Measures 190-192, marked *p*.
- Cl.B♭ I** (Clarinet B-flat I): Measures 190-192, marked *frull.* and *pp*.
- Arpa** (Arpeggiator): Measures 190-192.
- Pf.Cel.** (Piano/Celesta): Measures 190-192.
- Org.** (Organ): Measures 190-192, featuring complex rhythmic patterns with triplets and sixteenth notes.
- Vai I** (Violin I): Measures 190-192, consisting of sustained chords.
- Vai II** (Violin II): Measures 190-192, consisting of sustained chords.
- Vlc** (Violoncello): Measures 190-192, consisting of sustained chords.
- Vc.** (Violone): Measures 190-192, consisting of sustained chords.

This page of the musical score for "Penta Rhei" includes the following parts and markings:

- Orchestra (Or.):** Flute I (Fl. I), Flute II (Fl. II), Clarinet B-flat I (Cl. Bb I), Percussion (Perc.), Arpa (Harp), Piano/Cello/Double Bass (Pf./Ccl.), and Organ (Org.).
- Violins (Vni):** Violin I (Vni I) and Violin II (Vni II), each with four staves.
- Violas (Vle):** Viola part with four staves.
- Violoncello (Vc.):** Cello part with four staves.

Key musical markings and dynamics include:

- Rehearsal mark **194** at the beginning of the section.
- Dynamic markings: *p* (piano), *pp* (pianissimo), and *ff* (fortissimo).
- Performance instruction: **CROTALI** (castanets).
- Organ part: **3 soli** (triple solo).

Penta Rhei

Poco meno (♩=95) 27

199 Perc. BONGO
f
TEMPLE BLOCKS
f

TAM-TAM
lento

199 Pf/Cel.

Org. Poco meno (♩=95)
POS. Fondi 8', 4', 2', Ancia 8' cassa chiusa *lento*

Vni I Tutti
f < ff > pp cresc. simile
sul tasto - sul pont. simile
sul tasto - sul pont. simile

Vni II Tutti (4)
f < ff > pp cresc. simile
sul tasto - sul pont. simile
sul tasto - sul pont. simile

Vle Tutti (3)
ff > pp cresc. simile
sul tasto - sul pont. simile
sul tasto - sul pont. simile

Vc. Tutti (2)
ff > pp cresc. simile
sul tasto - sul pont. simile
sul tasto - sul pont. simile

E PIATTO

Perc. *pp*

PF.Cel. *PIANOFORTE* col pugno sulla cordera *mf* *pp*

Org. *legg. stacc.* (cassa chiusa) *lontano*

Vni I

Vc. *pp*

Cb. *pp*

222

Fl. I, II *f*

Ob. I *f*

CLB-I *f*

CLB-II *mp*

CLB. *mp*

Fig. I, II *mp*

Cr. I, II *f*

Cr. III, IV *f*

222

Perc. *XILOFONO* *gliss.* *TRIANGOLO* *PIATTO* *CROTALI*

Org. *legg. stacc.* *POS.* *ESPR.* (Largo)

Vni I *mp*

Vni II *mp*

Vle *mp*

Vc. *sul pont.* *fpp*

Cb. *sul pont.* *fpp*

Terra, la gravità

Tempo I

F

FL. I
FL. II
Ob. I
Ob. II
Cl. B. I
Cl. B. II
Cl. B.
Fig. I, II
Cr. I, II
Cr. III, IV
Trb. SP. I, II
Tbn. I, II
Tbn. III
Tu.
Perc.
TAM-TAM
G. CASSA
pp cresc. a poco a poco

F

Tempo I

Ong.
Vni I
Vni II
Vle
Vc.
Cb.
G.O. Ripieno Ance 16', 8', 4' all'Espr. Unione G.O. - Espr.
molto sul pont.
Div. a 3
ord.
gliss.

236

Ott.

Fl. I.

Fl. II.

Ob. I.

Ob. II.

Cl. B \flat I.

Cl. B \flat II.

Cl. B.

Fig. I, II

238

Cr. I, II

Cr. III, IV

Trb. Sib. I, II

Trb. Sib. III, IV

Tbn. I, II

238

Perc.

XILOFONO

236

Apa

238

Pf./Cel.

PIANOFORTE

238

Org.

Flauto 8' 4/2' - Unione

Ped. Fondi 16'

238

Vni I

Unis.

gliss.

238

Vni II

Unis.

gliss.

Vlc.

Vc.

238

Cb.

246

Ott. *f* *ff* frull.

Fl. I *f* *ff* frull.

Fl. II *ff* frull.

CLB: I *mf* *legatissimo* *ff*

CLB: II *mf* *legatissimo* *ff*

Fig. I, II *legatissimo*

Cr. III, II *mf* *legatissimo*

Cr. III, IV *mf* *legatissimo*

Trb. Sib. I, II *I. Senza sord.* *ff* frull.

Trb. Sib. III, IV *Con sord.* *ff* *Senza sord. a 2* *ff*

Tbn. I, II *p* *mf* *legatissimo* *ff*

T. III *p* *mf* *legatissimo* *ff*

Tu. *ff*

Perc. *mp* *ffp* *TIMPANI* *cresc. a poco a poco*

Arpa *ff*

Org. *ff* *+ 32 ad libitum*

Vni I *f* *ff*

Vni II *f* *ff*

Vle. *ff*

Ve. *ff*

Cb. *ff*

This page of the musical score, titled "Penta Rhei", contains measures 250 through 253. The instrumentation includes:

- Flutes (Fl. I, II):** Part of a woodwind section, marked with *ff* and *frull.* (trills).
- Oboes (Ob. I, II):** Part of a woodwind section, marked with *ff* and *frull.*
- Clarinets (Cl. B♭ I, II):** Part of a woodwind section.
- Trumpets (Trb. I, II, III, IV):** Part of a brass section, marked with *ff* and *Senza sord.* (without mutes).
- Trombones (Tbn. I, II, III):** Part of a brass section.
- Tuba (Tu):** Part of a brass section.
- Percussion (Perc.):** Includes *PIATTO* (cymbal) and *mp* (mezzo-piano) markings.
- Piano/Celesta (Pf./Ccl.):** Part of the keyboard section, marked with *ff*.
- Organ (Org.):** Part of the keyboard section.
- Violins (Vai I, II):** Part of the string section, marked with *mf*, *cresc.*, and *Div.* (divisi).
- Violas (Vle):** Part of the string section, marked with *mf* and *cresc.*
- Violoncello (Vc.):** Part of the string section, marked with *mf* and *cresc.*
- Double Bass (Cb.):** Part of the string section, marked with *mf* and *cresc.*

Measure 250 features a *lunga* (long) marking. Measure 252 includes a *Senza sord.* marking for the trumpets and a *frull.* marking for the woodwinds. Measure 253 contains a *ff* marking for the trumpets and a *lunga* marking for the violins. The score is written in a key signature of one sharp (F#) and a common time signature (C).

257

FL. I. *ff*

FL. II. *ff*

Ob. II. *ff*

Cl. B♭ I. *ff*

Cr. I, II. *ff* gliss. ²

Cr. III, IV. *ff* a 2 gliss. ²

VIBRAFONO *ff*

Perc. RAGANELLA *ff*

Arpa C, Db, Eb, F, Gb, A, B *ff*

Pf./Cel. *ff*

Org.

Vni I. *ff*

Vni II. *ff*

Vlc. *ff*

ff

Detailed description: This page of a musical score, titled 'Penta Rhei' and numbered '35', contains measures 257 through 260. The score is arranged in a standard orchestral format with multiple staves. The woodwind section includes Flute I and II, Oboe II, and Clarinet B♭ I, all playing a rhythmic, sixteenth-note pattern with a forte (ff) dynamic. The strings (Violin I, Violin II, and Viola) play a sustained, long note with a forte (ff) dynamic. The Percussion section features a Vibraphone and a Ragannela, both playing a rhythmic pattern with a forte (ff) dynamic. The Arpa (Harp) plays a series of ascending and descending chords with a forte (ff) dynamic. The Piano/Celesta (Pf./Cel.) plays a rhythmic pattern with a forte (ff) dynamic. The Organ (Org.) is present but has no notation on this page. The Cor Anglais (Cr. I, II, III, IV) parts include glissando markings and a '2' above the notes, indicating a second octave. The score is written in a key signature of one sharp (F#) and a 4/4 time signature.

This page of the musical score for "Penta Rhei" (page 37) features a variety of instruments. The woodwind section includes Oboe (Ott.), Flute I and II, Clarinet in Bb I and II, Bassoon I and II, Cor Anglais I and IV, and Trombones I, II, III, and IV. The brass section consists of Trumpets I and II, Trombones I, II, III, and IV, and a Tuba. The string section includes Violin I and II, Viola, Violoncello, and Contrabasso. The percussion section includes Timpani, Tom-Toms, and Tam-Tam. The Organ (Org.) is also present. The score is marked with "cresc." (crescendo) and "gliss." (glissando) throughout. The dynamic markings include "ff" (fortissimo) and "f" (forte). The Organ part includes the instruction "(TUTTI)". The percussion parts are marked with "TIMPANI", "TOM-TOMS", and "TAM-TAM".

