

# Estructura IV

*Dämonischer Iris*

*for large orchestra*

David Moliner

# Orchestra

Piccolo Flute  
 2 Flutes  
 2 Oboes  
 2 Clarinet in B flat  
 Bass Clarinet  
 2 Bassoons  
 Contrabassoon

4 French Horns in F, (*4th also Wagnerian Tuba-Wood Sourdine*)  
 3 Trumpets in C, (*1.2.3 also Harmon Sourdine*) (*2nd also Cup Sourdine*)  
 (*3rd needs also a Metal Whistle*)  
 2 Trombones, (*1.2 also Harmon, Cup and Straight Sourdine*)  
 Bass Trombone, (*Straight Sourdine*)  
 Tuba (*Sourdine*)

## 4 Percussionists

*I. Gran Cassa (32"), Tam Tam (medium), Metal Whistle, Crash Cymbals, Rain Maker, Bird Whistle, Tambourine, Glockenspiel (with pedal), Tubular Bells*

*II. Gran Cassa (32"), Metal Whistle, 2 Wood Blocks (medium high-high), Waterphone, Rattle, Anvil (B2), Tambourine, Glockenspiel, Hand Siren*

*III. Gran Cassa (32"), Tam Tam (medium-low), Metal Whistle, Splitdrum (5 pitches), Thundersheet, Crash Cymbals, Anvil (Bb2), Tambourine, Triangle, Ratchet*

*IV. Gran Cassa (32"), Tam Tam (low), Metal Whistle, 2 Wood Blocks (medium high-high), Tambourine, Flexatone, Triangle, Ratchet*

Timpani, (4)

Grand Piano (*also Celesta ossia*)

14 Violins I  
 12 Violins II  
 10 Violas  
 8 Violoncellos  
 6 Double Bass

# Orchestra extra instruments

Piccolo Flute: **Metal Whistle, Lottoflöte**  
2 Flutes: **1.2 Metal Whistles**  
2 Oboes: **1.2 Metal Whistles**  
2 Clarinet in B flat: **1.2 Harmonicas**  
Bass Clarinet: **Harmonica**  
2 Bassoons: **1.2. Harmonicas, 1.2 Metal Whistles**  
Contrabassoon: **Harmonica, Metal Whistle**

4 French Horns: **1.2.3.4 Harmonicas, 1.2.3.4 Metal Whistles**  
3 Trumpets: **1.2.3 Harmonicas, 1.2.3 Metal Whistles**  
2 Trombones: **1.2 Metal Whistles**  
Bass Trombone: **Metal Whistle**  
Tuba: **Harmonica**

10 Violin II: **1.2.3.4.5.6.7.8.9.10 Harmonicas**  
8 Violas: **1.2.3.4.5.6.7.8 Harmonicas**

# Total Instruments:

## A) Percussion

- 4 Gran Cassa (32")
- 4 Metal Whistle
- 4 Wood Blocks (2 medium high - 2 high)
- 4 Tambourines
- 2 Crash Cymbals
- 2 Glockenspiel (1 with pedal)
- 2 Triangles
- 2 Anvil (B2 - Bb2)
- 2 Ratchet
- 1 Rain Maker
- 1 Bird Whistle
- 1 Waterphone
- 1 Splitdrum (5 pitches)
- 1 Thundersheet
- 1 Flexatone
- 1 Hand Sirene
- Tubular Bells

## B) Orchestra extra instrumets

- 36 Harmonicas\*  
(*Clarinets, Bass Clarinet, Bassoons, Contrabassoon, French Horn, Trumpets, Tuba, Violin II, Violas*)
- 17 Metal Whistles  
(*Piccolo Flute, Flutes, Oboes, Bassoons, Contrabassoon, French Horns, Trumpets, Bass Trombone*)
- 1 Lottoflöte


**\* Harmonicas must be tuned in C and they must all be diatonic. They must be small and fine. Harmonicas should always be played exhaling (never inhaling)**

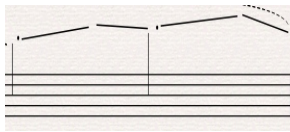
# General Remarks

The score is written in transposition keys

Altered pitches, (sharps and flats), affect the whole measure, (even when they're not written)

## Microintervalty:


 +1/4 tone    -1/4 tone    +3/4 quarter tone    -3/4 quarter tone



All this free lines correspond to free *glissandos*, (also when indicated microtonal ones), which could be played in freely intonation following the arrow gestures  
If written, they can also be microinterval *glissandos*

*Internal rhythm beats must be subtle in all these gliss. figurations.  
The player should avoid marked attacks on their batiments unless they are written into the score*

## Strings:

*m.s.p.* = *molto sul pont.*    *s.p.* = *sul pont.*    *n.p* = *normal position*    *s.t.* = *sul tasto*    *m.s.t.* = *molto sul tasto*

**H**



Hauptstimme, (main voices): when there are H1, H2, H3 etc... they are related to the importance of the written poliphony, (H1 from higher to H3 to lower)

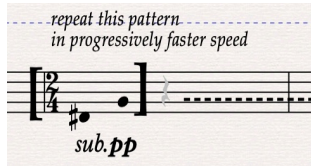
**N**



Nebentstimme, (neben voices): when there are N1, N2, N3 etc... they are related to the importance of the written poliphony, (N1 from higher to N3 to lower)



This head note correspond to free pitch in high *altissimo* register



## Timpani - Measures 19-23

Repeat freely this pattern notes in progressively faster speed: rhythm has to be always progressively changing

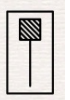
# Percussion Sticks / Mallets / Tools



Soft Mallets-Sticks, (Xylophone / Glockenspiel / Multipercussion)



Hard Mallets-Sticks, (Xylophone / Glockenspiel / Multipercussion)



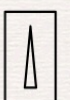
Hard Gran Cassa / Tam Tam Sticks



Medium-hard Mallets-Sticks, (Xylophone / Glockenspiel / Multipercussion)



Soft Gran Cassa / Tam Tam Sticks



Snare Drum Sticks

# Composer Remarks

"Wie jedes Werk, das ich schreibe, ist dieses Werk eine andere Welt als die, die ich geschrieben habe. Die IV Estructura ist von der Idee des Teufels inspiriert, die unsere Natur darin eingebaut hat, sogar unbewusst. Mit der von Anfang an etablierten explosiven Wut ist das Werk musikalisch vom Beginn der ersten Symphonie von Johannes Brahms inspiriert, mit dem ausdrucksstarken Einsatz absteigender Chromatik.

Das Material, das ich verwendet habe, ist wiederum ein kontinuierliches Leitmotiv, das durch rhythmische Elemente verwandelt wird, wodurch ein hyperschlängenförmiger Diskurs in einem räumlichen Krümmungsmodus entsteht, in dem ich meinen aufrichtigsten Ausdruck schreibe, der sich in verschiedenen organischen Szenen befindet.

Diese ausdrucksstarke Dynamik überlagert verschiedene Texturen, die nach den eigenen Farben des Materials suchen, mit einer literarischen Inspiration, die auf Szenen basiert, die Dante Alighieri im ersten Band seiner Göttlichen Komödie zum Ausdruck brachte.

Wie Johann Wolfgang Goethe sagte: „Das Dämonische ist dasjenige, was durch Verstand und Vernunft nicht aufzulösen ist. In meiner Natur liegt es nicht, aber ich bin ihm verpflichtet“

*Das Dämonische ist dasjenige, was durch Verstand und Vernunft nicht aufzulösen ist. In meiner Natur liegt es nicht, aber ich bin ihm unterworfen*

*Johann Wolfgang Goethe*

**Duration: ca. 16 min.**

Estructura IV *Damönischer Iris* was commissioned by Roche as part of Roche Young Comissions for Lucerne Festival.  
World Premiere in KKL Konzertsaal Lucerne on August 2023 by the Orchestra of the Lucerne Festival Contemporary Orchestra  
conducted by Jack Sheen, as part of the Summer Festival of Lucerne Festival 2023

Herrn. Wolfgang Rihm gewidmet

17.02.2022

David Moliner

# Estructura IV

## Dämonischer Iris

David Moliner, (1991-)

$\text{♩} = 63$  *potente, tempo stabile*

Percussion 1 (Gran Cassa)

Percussion 2 (Gran Cassa)

Percussion 3 (Gran Cassa)

Percussion 4 (Gran Cassa)



*mistico*

*poco a poco ritardando*

12

Perc. 1 (Gran Cassa)

Perc. 2 (Gran Cassa)

Perc. 3 (Gran Cassa)

Perc. 4 (Gran Cassa)

Tpn.

Vln.1 (1)

Vla. (1)

Vc. (1)

(4)

(7)

\* The sound-pitch should be metallic, deep and mysterious



22

Tba. wr. Wood Sourdine  
solo 3 solo  
pp

Perc. 1 Gran Cassa secco  
sfffz  
Bird Whistle  
sub. ppp

Perc. 2 Gran Cassa secco  
sfffz  
(l.v.)  
sub. ppp

Perc. 3 Gran Cassa secco  
sfffz  
(l.v.)  
sub. ppp

Perc. 4 Gran Cassa secco  
sfffz  
(l.v.)  
sub. ppp

Tpn. (l.v.)  
ppp  
(ord.)  
secco  
sfffz  
sfffz  
sfffz  
ppp

solo 1 (bartok) (1-7)  
sfffz

Vln. 1 (8-14) (bartok) (8-14)  
sfffz

solo 1 pizz.  
H  
sfffz  
(bartok) (1-6)  
sfffz

Vln. 2 (7-12) (bartok) (7-12)  
sfffz

Vla. solo 1 pizz.  
H  
sfffz  
(bartok) (1-5)  
sfffz

(6-10) (bartok) (6-10)  
sfffz

solo 1vc. (bartok) (1-3)  
sfffz

solo 4 (bartok) (4-6)  
sfffz

solo 7 (bartok) (7-8)  
sfffz

Db. solo 1  
pizz. in rilievo  
sub. p  
(bartok) (1-6)  
sub. sfffz  
(bartok)  
sfffz  
(bartok)  
sfffz

**A**

♩ = 48 impetuoso, l'istesso tempo

Picc. (ca. 6-5-4-3 sec.)  
 Fl. (ca. 6-5-4-3 sec.)  
 Ob. (ca. 6-5-4-3 sec.)  
 Cl. (1-2) (ca. 6-5-4-3 sec.)  
 Cl. bass (ca. 6-5-4-3 sec.)  
 Bsn. (ca. 6-5-4-3 sec.)  
 Cbsn. (ca. 6-5-4-3 sec.)  
 Horn (1-2) 1st. take Harmonica (ca. 6-5-4-3 sec.) (vibr.)  
 Tba. wr. Wood Sourdine Remove Sourdine and take Horn (ca. 6-5-4-3 sec.)  
 Tpt. C (ca. 6-5-4-3 sec.)  
 Tpt. C (ca. 6-5-4-3 sec.)  
 Tbn. bass (ca. 6-5-4-3 sec.)  
 Tba. (ca. 6-5-4-3 sec.)  
 Perc. 1 Gran Cassa + Bird Whistle (Tambourine) (l.v.) (ca. 6-5-4-3 sec.)  
 Perc. 2 Gran Cassa (Tambourine) (l.v.) (ca. 6-5-4-3 sec.)  
 Perc. 3 Gran Cassa (Tambourine) (l.v.) (ca. 6-5-4-3 sec.)  
 Perc. 4 Gran Cassa (Tambourine) (l.v.) (ca. 6-5-4-3 sec.)  
 Tpn. (ca. 6-5-4-3 sec.)  
 Vln. 1 (1-7) (ca. 6-5-4-3 sec.) arco  
 Vln. 1 (8-14) (ca. 6-5-4-3 sec.) arco  
 Vln. 2 (1-6) (ca. 6-5-4-3 sec.) arco  
 Vln. 2 (7-12) (ca. 6-5-4-3 sec.) arco  
 Vla. (1-5) (ca. 6-5-4-3 sec.) arco  
 Vla. (6-10) (ca. 6-5-4-3 sec.) arco  
 Vc. (1-3) (ca. 6-5-4-3 sec.) arco  
 Vc. (4-6) (ca. 6-5-4-3 sec.) arco  
 (7-8) (ca. 6-5-4-3 sec.) arco  
 Db. (1-6) (ca. 6-5-4-3 sec.) arco

\* Play freely diatonically with C as the center pitch

42 (6-7)

Picc. *mf* *ffz* *mp*

Fl. (1-2) *mf* *ffz* *mp*

Ob. (1-2) *mf* *ffz* *f*

Cl. (1-2) *ffz* *ffz* *mp*

Cl. bass *ffz* *ffz*

Bsn. (1) *ffz*

Bsn. (2) *ffz*

Cbsn. *ffz* *ffz* *mp*

Horn (1-2) *ffz* *ffz* *f*

Horn (3-4) *ffz*

Tpt. C (1-2) *ffz* *ffz*

Tpt. C (3) *ffz* *ffz*

Tbn. (1-2) *ffz* *f* *f*

Tbn. bass *ffz* *f* *f*

Tba. *ffz* *f* *f*

Perc. 1 Gran Cassa *p* *ff* *p*

Perc. 2 Gran Cassa *ff* *ff*

Perc. 3 Gran Cassa *ff* *p*

Perc. 4 Gran Cassa *ffz* *p*

Tpn. *ffz* *ffz* *ffz* *p*

(1-7) *ffz* *mp*

Vln. 1 (8-14) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(1-6) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

Vln. 2 (7-12) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

Vla. (1-6) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(7-12) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(1-3) Vc. *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(4-6) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(7-8) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *ffz*

(1-3) Db. *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *mp*

(4-6) *ffz* *ffz* *ffz* *ffz* *ffz* *ffz* *mp*

(loco) *H*

48

Ob. (1-2)

Cl. (1-2)

Cl. bass

(1) Bsn.

(2) Bsn.

Cbsn.

Horn (1-2) *2 take Harmonica*

Horn (3-4) *3,4 take Harmonica*

Tpt. C (1-2)

Tpt. C (3)

Tbn. (1-2)

Tbn. bass

Tba.

Perc. 1 Gran Cassa *to Tam Tam (medium)*

Perc. 2 Gran Cassa *to Tam Tam (medium low)*

Perc. 3 Gran Cassa

Perc. 4 Gran Cassa *to Tam Tam (low)*

Tpn.

Vln. 1 (8-14)

(1-6)

Vln. 2 (7-12)

Vla. (1-6) *(trem.)*

(7-12) *(trem.)*

Vc. (1-3)

(4-6)

(7-8) *(vibr.)*

(1-2) Db. *(vibr.)*

(3) *(vibr.)*

(4) *(vibr.)*

(5-6) *(vibr.)*

*f*, *p*, *f (galante)*, *p*, *(vibr.)*

Picc.

Cl. bass

Cbsn.

Horn (1-2)

Horn (3-4)

Tpt. C (1-2)

Tpt. C (3)

Tba.

Perc. 2 [Tam Tam] *to Wood Blocks + Metal Whistle*

Perc. 3 [Gran Cassa] *to Split Drum*

Perc. 4 [Tam Tam] *to Wood Blocks*

Tpn. *take Springdrum*

Pno.

Vln. 1 (1-4) (5-9) (10-14)

Vln. 2 (1-4) (5-8) (9-12)

Vla. (1-3) (4-6) (7-9) (10-12) *take Harmonica*

Vc. (1-3) (4-6) (7-8)

Db. (1-2) (3) (4) (5-6)

*p*, *sub.p*, *poco a poco cresc.*, *f*, *f (galante)*, *10*, *3*, *5*, *8va*

\* Play freely diatonically with C as the center pitch





**B**

accel. . . . . ♩ = 48 *profondo*

72

Fl. (1-2) *pp* whistling, (outside instrument) solo 1

Ob. (1-2) *pp* whistling, (outside instrument) solo 1

Cl. (1-2) *mf* *p* *p* *pp* whistling, (outside instrument)

Bsn. (1-2) *pp* whistling, (outside instrument)

Horn (1-2) *mp* 2nd take Horn

Horn (3-4) *mf* 3rd take Horn, 4th Horn take Wagnerian Horn *p* (scuro) Wagnerian Horn solo 4 *pp* *p*

Tpt. C (1-2)

Tbn. (1-2) *p* (solo 1) remove Cup Sourdine

Tbn. bass *mf* *p* put Straight Sourdine

Tba. Sourd. *pp* Harmonica

Perc. 1 Crash Cymbals *sub.sfz* (l.v.) *pp* (l.v.)

Perc. 2 Gran Cassa *sub.sfz* (l.v.) *pp* Waterphone rub it with violin bow

Perc. 3 Gran Cassa *mp* *sub.sfz* (l.v.) *pp* (l.v.)

Perc. 4 Gran Cassa *mp* *sub.sfz* *sub.pp* (l.v.)

Tpn. (soft sticks) *sfz* *sub.pp* *p*

Pno. *p*

(4-7) Harm. *pp*

Vln. 2 (8-10) Harm. *pp*

(11-12) Harm. *pp*

(1-3) Vc. *pp*

(4-6) *p*

(7-8) *pp* *p* *pp*

(1-2) Db. *pp* *p* *pp* *ppp*

(3) *pp* *p* *pp* *ppp*

(4) *pp* *p* *pp* *ppp*

(5-6) *pp* *p* *pp* (sonoro) *ppp*

\* Play freely diatonically with C as the center pitch



81

Fl. (1) *whistling, (outside instrument)* *(solo 1)* *p* *pp* *p* *pp*

Ob. (1) *whistling, (outside instrument)* *(solo 1)* *pp* *p* *pp* *ppp*

Cl. (1-2) *(solo 1)* *pp* *(non vibr.)* *p* *pp*

Cl. bass *(non vibr.)* *pp (sonoro)* *ppp*

Bsn. (1-2) *(non vibr.)* *pp* *p* *pp*

Cbsn. *(non vibr.)* *pp (sonoro)*

Horn (3) *(solo 3)* *pp*

Tba. wr. *pp* *p* *pp* *p* *pp* *H* *p (sonoro)* *poco mp* *pp*

Tpt. C (1-2) *(solo 2)* *pp*

Tpt. C (3) *whispering, (outside instrument)* *N1* *p* *pp*

Tbn. (1-2)

Tbn. bass

Tba. *ppp (echo)* *pp* *ppp*

Perc. 1 *Rain Maker* *ppp (echo)* *pp* *ppp*

Perc. 2 *Waterphone* *ppp* *Rattle, (Cabasa)* *ppp* *poco a poco cresc.*

Perc. 3 *Crash Cymbals* *(l.v.)* *p*

Perc. 4 *Gran Cassa* *(l.v.)* *p*

Tpn. *p (sempre penetrante)* *poco a poco cresc.*

Pno. *(l.v.)* *f* *8<sup>va</sup>*

Vla. (1-3) *pp*

Vla. (4-6) *pp*

Vla. (7-9) *pp*

Vc. (1-3) *molto sul tasto* *pp* *p*

Vc. (4-8) *molto sul tasto* *pp* *p*

Db. (1-2) *molto sul tasto e sempre senza vibr.* *pp* *p* *pp*

Db. (3-4) *sul tasto e sempre senza vibr.* *pp* *p* *pp* *p*

Db. (5-6) *ppp*

