Balázs HORVÁTH

Sky/Earth

for Double-bell Trumpet solo and ensemble

to Péter Eötvös' 80th Birthday

2023-2024

SCORE

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Commissioned by Ensemble UMZE in 2023

Instrumentation

Double-bell Trumpet solo in C	Tr. solo
Flauto grande (anche Flauto piccolo)	Fl. / Picc.
Oboe	Ob.
Clarinetto 1 in Si*b*	Cl. 1
Clarinetto 2 in Si*b* / Clarinetto basso in Si*b*	Cl. 2 / Cl. basso
Saxophone soprano in Si*b* / tenore in Si*b*)	Sopr. sax. / Ten. sax.
Fagotto	Fg.
Corno in Fa	Cor.
Trombone	Trb.
Pianoforte	Pf.
2 Percussioni	2 Perc.
2 Violini	2 Vl.
Viola	Vla.
Violoncello	Vlc.
Contrabbasso (with 5 strings – 5th string tuned down to a sixth-tone (ca. 30 cents) low A)	Cb.

Partitura in Do / All the parts are written in C (concert pitch)
Durata / Duration: ca. 15'

Sky/Earth was composed on the occasion of Péter Eötvös' 80th birthday and is dedicated to him. The basic idea is Eötvös' interest towards cosmos and global situations on Earth as well. Therefore it is based ont he opposites of up/down, high/low, static/dinamic, loud/soft, fast/slow etc.
The beginning and the basic chord of the piece is representation of the birthday and myself.
– *A4 (a')* is the tuning reference pitch
– *E6 (e''')* is referring to **E**ötvös
– *the flat E2 (E)* ca. 80 Hz that is the reference to the **80th** birthday
– *D-sharp4 (dis')* ca. 314 Hz that is the reference to Π (ca. 3,14) as **Pe**ter (in English pronunciation)
– *B2 (H)* is referring to **H**orváth and **H**appy
– *B-flat5 (b'')* is referring to **B**alázs and **B**irthday
– *G-sharp3 (gis)* and *quartertone low C-sharp5 (cis'')* are part of a fake overtone chord

World premiere: Transparent Sound New Music Festival (Átlátszó Hang Újzenei Fesztivál) 2024 – Promenade – Vidovszky 80 / Eötvös 80
Budapest Music Center, January 27, 2024 – Tamás Pálfalvi – double-bell trumpet, UMZE Ensemble, cond by Balázs Horváth

Dynamics: The dynamic markings in the score are performers' dynamics. (Sometimes auxiliary dynamics are to be found, e.g. ***mf (= p)*** – the musician must play mezzoforte, which will sound piano in the given circumstances.)

Glissandi: the slides are to be played at the complete duration between the starting and the arriving notes.

Accidentals: all accidentals are valid throughout the whole bar although they may be repeated for easier reading. Quarter-tone sharps and flats are to be played as usually. Accidentals with arrows mean a bit of intonation toward the given direction – ca. 30 cent = a sixth-tone.

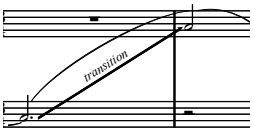
Most of the special technics, solutions are explained in the score.

Double-bell trumpet solo

The top staff is the higher bell (valve 4), the bottom is the lower bell.
Any other valve combinations indicated in the score is important to use valve 3 for a bit (ca. quarter-tone) higher intonation. In those case use the specified valves. (E.g. [3] means to press only valve three even if normally you would use valve 1+2.)
Mutes: **straight**, **wawa**, **harmon** (wawa without stem), **cup**

● ; ○	closed; open position of mutes (wawa and harmon)
—●	continuous change from one position to the other
∅	senza sord. (open) sign for solo trumpet

You may turn towards some musicians or directions. The directions (East, South, West, North etc.) are representing the directions from your point of view. E.g. turn to "West" is turning left for you that is the direction of the Cello. "North is the normal audience direction. Bell UP or DOWN means towards the "Sky" or the "Earth". From m. 121 you need to bow down more and more towards the FLOOR (Earth) to mute your sound a little bit. The arrows show the approximate degree of bowing.

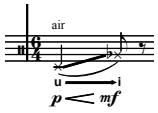


However, it is not really possible to do a soft transition between the two bellies, try to do it as smoothly as possible.

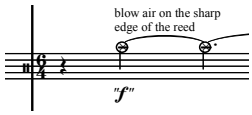
as high as possible

½ valve (press half-way only for the specified notes)

Woodwinds



blow only air, create a relative pitch change following the score using the specified vowels (Fl.)



blow air directly on the edge of reed to get a whistling sound (Sax.)

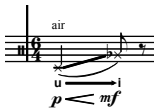
Tongue-ram (sounds a M7 lower) (Fl.)

Brass

Trb. mutes: **straight, plunger**, **wawa**, **harmon** (wawa without stem), **cup**

● ; ○ ; ◐ closed; open; half closed position of mutes (plunger, wawa and harmon)

—● continuous change from one position to the other

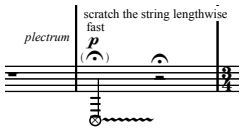


blow only air, create a relative pitch change following the score using the specified vowels (Trb.)

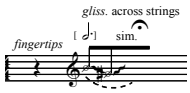
”pop” sound: hit on the mouthpiece with palm of hand (Trb.)

Piano

Plectrum (e.g. credit card) is needed.



scratch the string with *plectrum*.
Watch out for dynamic and speed indications



gliss. across the specified strings with your fingertips.
Keep repeating the figure until the beam. (Secco = no *Pedal*)

Percussion

Rub / scratch the instrument

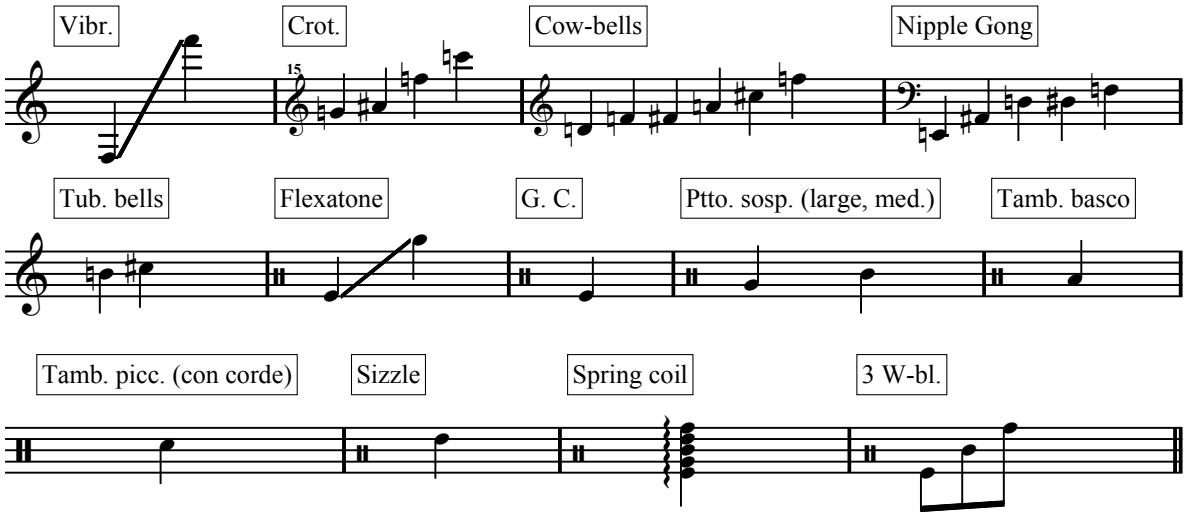
⊖ Damp the sound

\+ Deadstroke

Percussione 1
Vibraphone (NO motor is needed)
Crotali (sounds 2 octaves higher: g', ais', f'', c''' / g4, a-sharp4, f5, c6)
Cow-bells (d', f', fis', a', cis'', f'' / d4, f4, f-sharp4, a4, c-sharp5, f5)
Nipple Gongs (E, Ais, d, dis, f / E2, A-sharp2, d3, d-sharp3, f3)
Tubular Bells (h', cis'' / b4, c-sharp5) – shared with Percussion 2 player; placed between the two players' setup
Flexatone
Gran Cassa (Bass Drum)
2 Piatti sospesi (2 Suspended Cymbals – medium, large)
Tamburo basco (Tambourin – fixed)
Tamburo piccolo (con corde – Snare Drum with snares)
Sizzle cymbal
Spring coil (suspended)
3 Wood-blocks (close to the Cow-bells)

Beaters: *arco* (bow)*, hard vibraphone mallet* (yawn headed)*, soft vibraphone mallet* (yawn headed), *medium soft vibraphone mallet* (yawn headed), *plastic headed mallet, very hard mallet* (yawn headed – for Cow-bells and Wood-blocks)*, soft mallet* (yawn headed)*, medium hard beater, very soft beater*, *soft beater*, *medium hard crotal beater*, *hard hammer* (for Tub. bells and Spring coil), *sandpaper block* (placed on Tamb. Picc.), *superball, wooden stick,*

Notation

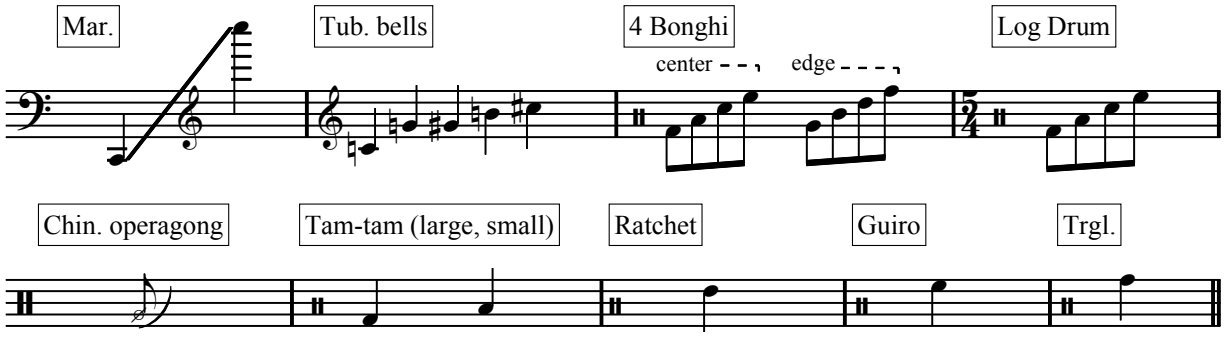


Percussione 2

Marimba (5 octaves)
Tubular Bells (c', g' gis', h', cis" / c4, g4, g-sharp4, b4, c-sharp5) – <u>b4 and c-sharp5</u> shared with Percussion 2 player; placed between the two players' setup
4 Bonghi (ca. an interval of third apart)
Log Drum (with 4 tongues OR 2 Log Drums with 2 tongues each)
Chinese Operagong (may be fixed – glissando sound is needed)
2 Tam-tams (small and large)
Ratchet
Guiro
Triangolo (Triangle)

Beaters: *arco* (bow)*, very hard marimba mallet* (yawn headed)*, hard marimba mallet* (yawn headed)*, soft marimba mallet* (yawn headed), *very soft vibraphone mallet* (yawn headed), *hard hammer, soft hammer* (for Tub. bells)

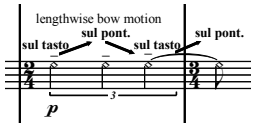
Notation



Strings

Pressured bow (valid only for the specified note or phrase).

as high as possible (any high natural flageolet in case of "o" sign)



lengthwise bow motion: move the bow between **ponticello** and **tasto**. Follow the specified rhythm.

Score in C
STATUS: 27/01/2024

for Péter Eötvös' 80th birthday

Sky/Earth

Balázs HORVÁTH
(*1976)

1 in 1 | in 1 | in 1 | in 1 | lunga | in 1 | in 1 &

Double-bell trumpet solo in C
sord. **harmon**
(senza sord.)
Turn towards Oboe - "tuning"
Bell UP (Sky)
ord.
("E"ötvös)
Bell DOWN (Earth)
trem. lento
(80 Hz = 80th birthday)

When you play quarter-tones using [3] (in combination with [1] and/or [2]) pull out tuning ring as well (throughout the whole piece) Experiment how much you need it.

Flauto grande / Flauto piccolo

Oboe
"Tuning"

Clarinetto 1 in Si♭
frull.

Clarinetto 2. in Si♭ / Clarinetto basso in Si♭
Cl. basso

Saxophone Soprano in Si♭ / Tenore in Si♭
Ten. Sax.

Fagotto

Corno in Fa

Trombone
sord. **harmon**
frull.

1 | 1 in 1 | 2 in 1 | 3 in 1 | 4 in 1 | lunga | 5 in 1 | 6 in 1 &

Pianoforte

Percussioni 1
Vibr.
arco

Percussioni 2
Mar.
arco

Violino 1

Violino 2

Viola

Violoncello

Contrabbasso (5 strings)

scordatura: tune down 5th string to a sixth-tone flat A0 (ca. -30 cent)

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in 1 | in 1 | ♩ = 90

(harmon)

Tr. solo

Bell NORMAL - to Oboe ("South")

1/2 valve

(314 Hz => 3,14 = " "ter)

Bell to CELLO ("West")

("H"appy)

trom. lento

Fl.

Ob.

Cl. 1

Cl. basso

Ten. sax.

frull.

Fg.

bisbigl.

Cor.

Trb.

(harmon)

7 in 1 | 8 in 1 | 9 2/4 | 10 3/4 | 11 2/4 | 12 4/4 | 13

♩ = 90

Pf.

Perc. 1

(Vibr.)

Perc. 2

(Mar.)

hard mar. mallet

arco

Vl. 1

Vl. 2

Vla.

sul tasto → ord.

Vlc.

sul tasto → ord.

Cb.

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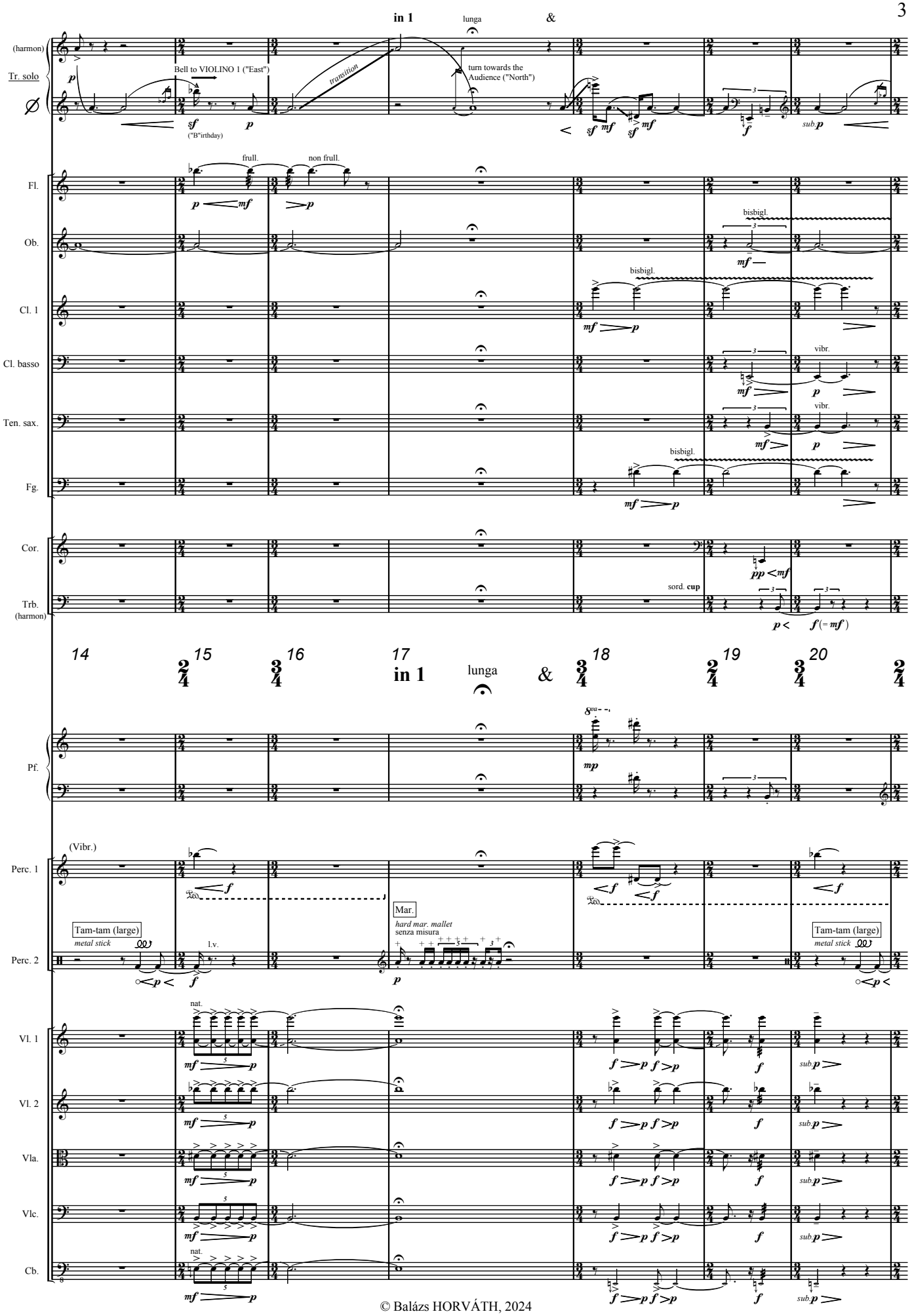

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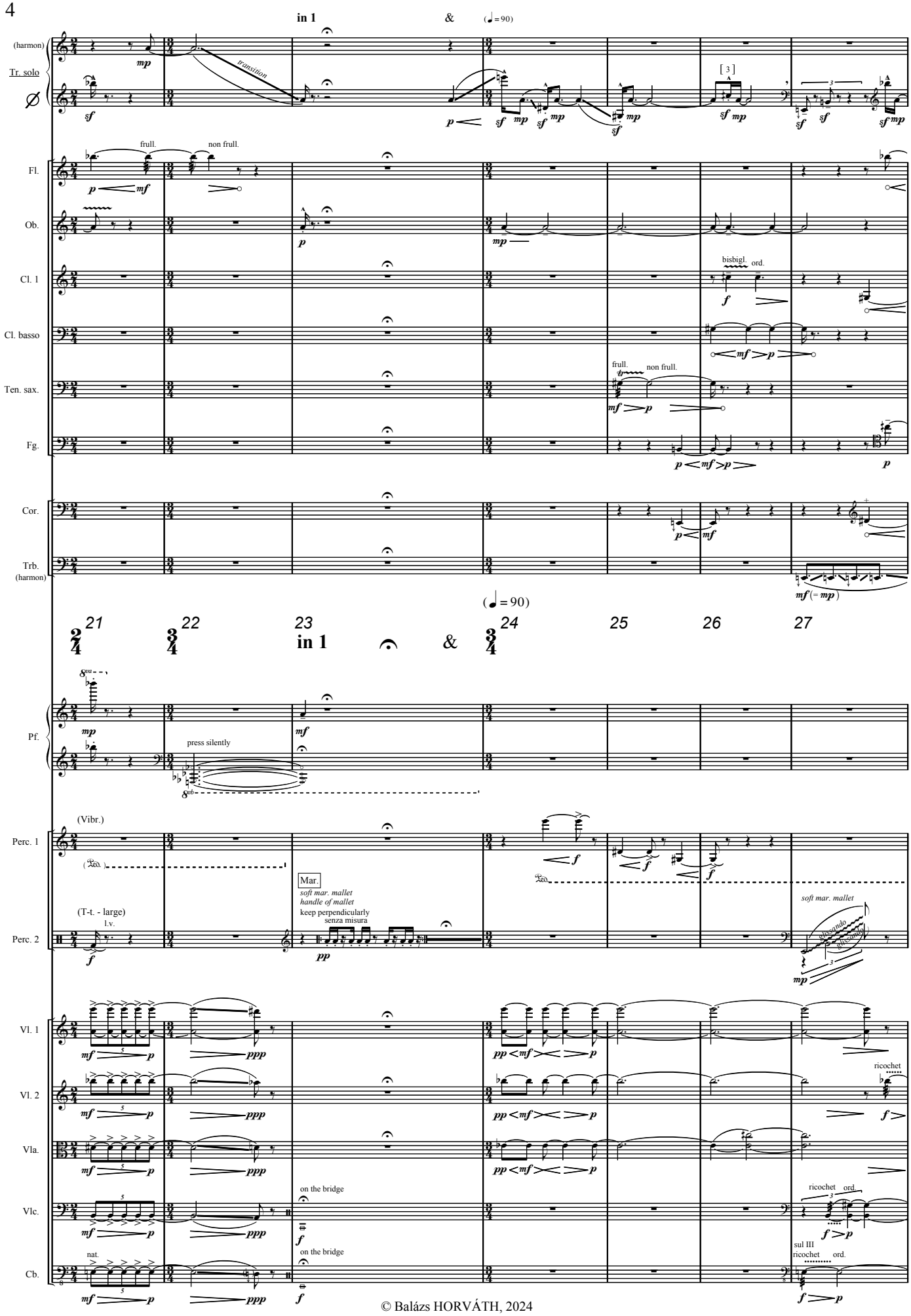

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(harmon)
Tr. solo
Fl.
Ob.
Cl. 1
Cl. basso
Ten. sax.
Fg.
Cor.
Trb.
(harmon)
Pf.
Perc. 1
Perc. 2
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.

(sic.! - c♯)

in 1
change to **straight**

♩ = 108

muta in Fl. picc.

glissando

muta in Sopr. Sax.

(= p)

28 29 30 31 32 33

in 1

touch the string with finger (flageolet)

(Vibr.)

G. C.
nails

ord.

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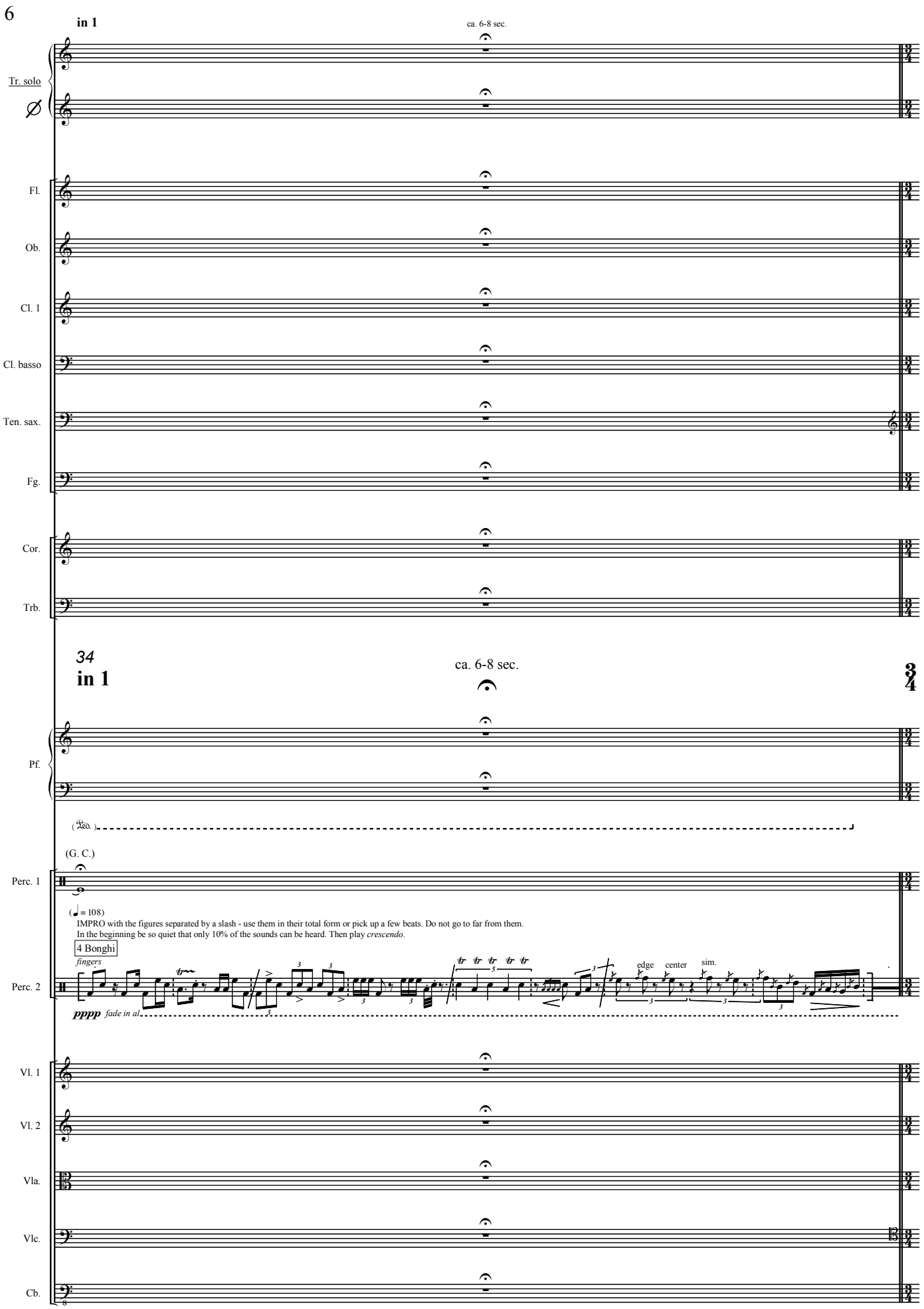

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2

(♩ = 108)

in 2 ca. 6 sec.

Tr. solo

frull.

Fl.

Fl. picc.

Ob.

"Tuning"

Cl. 1

Cl. basso

muta in Cl. in Si♭

Sopr. Sax.

Sopr. Sax.

Fg.

Cor.

senza sord.

Trb.

2

(♩ = 108)

35 36 37 38 39 40 41 42

in 2 ca. 6 sec.

Pf.

plectrum

scratch the string lengthwise fast

Perc. 1

(G. C.)

superball

nails

Perc. 2

(4 Bonghi)

(fade in al)

Vl. 1

sul IV

Vl. 2

sul IV

Vla.

Vlc.

Cb.

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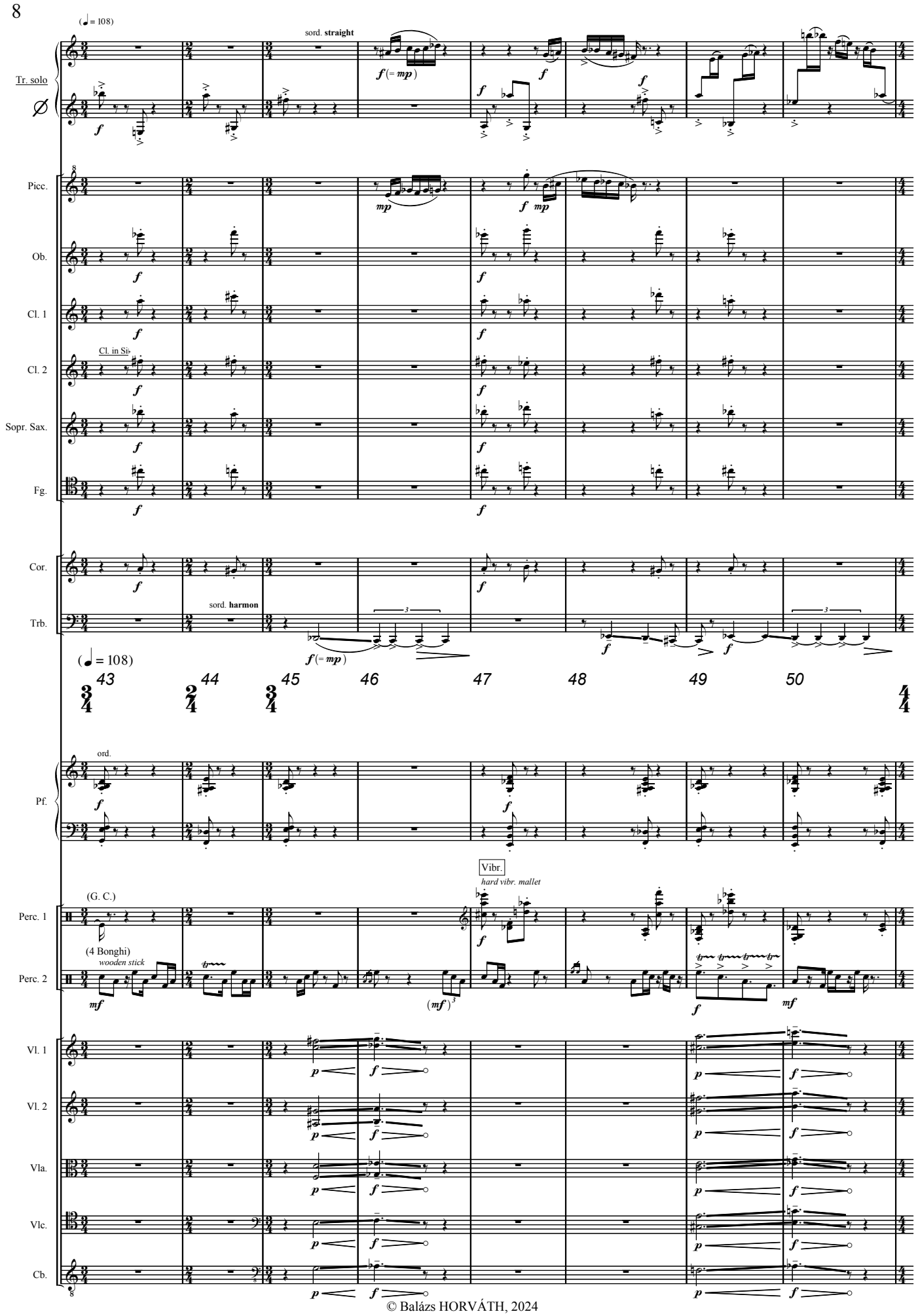

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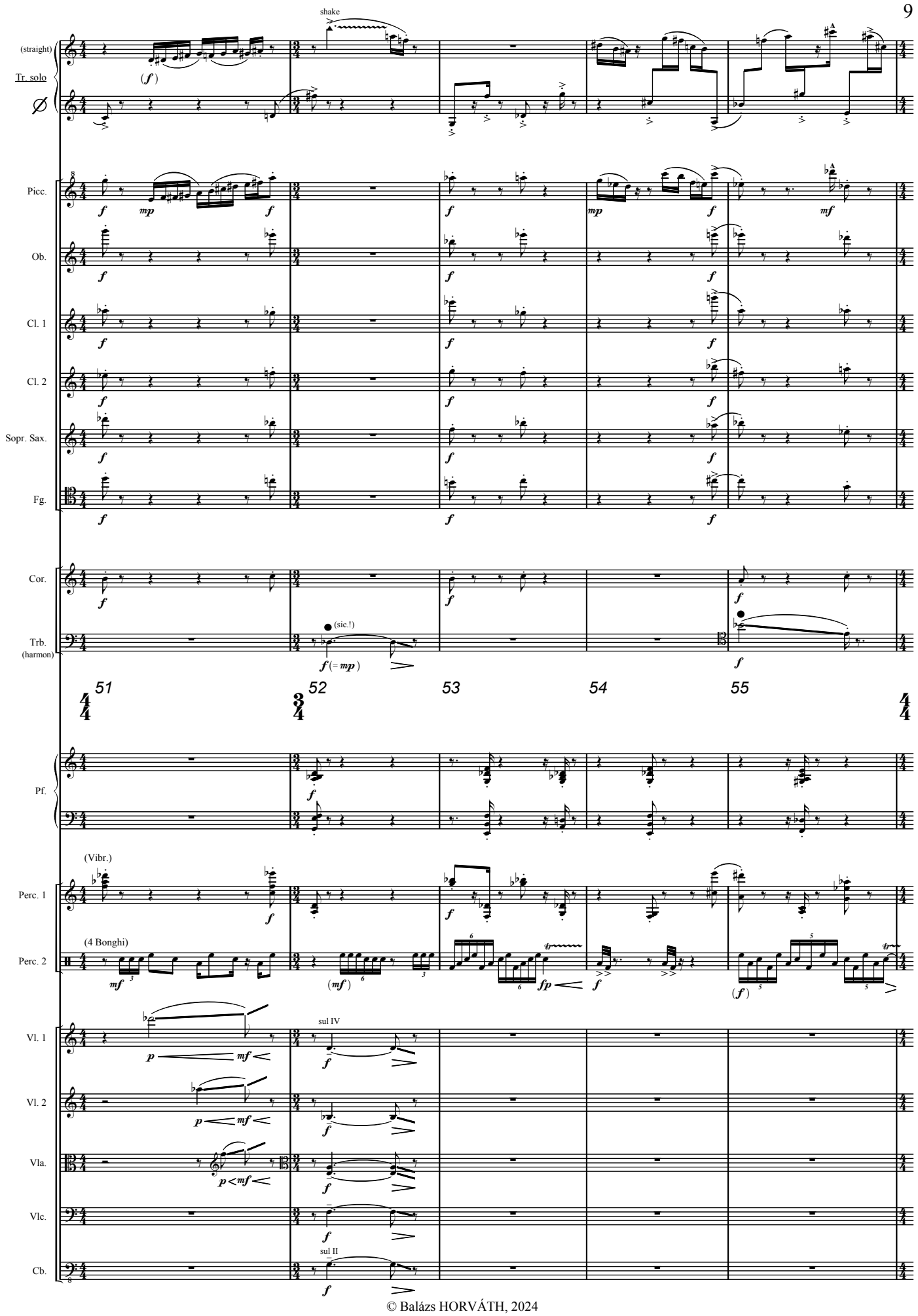

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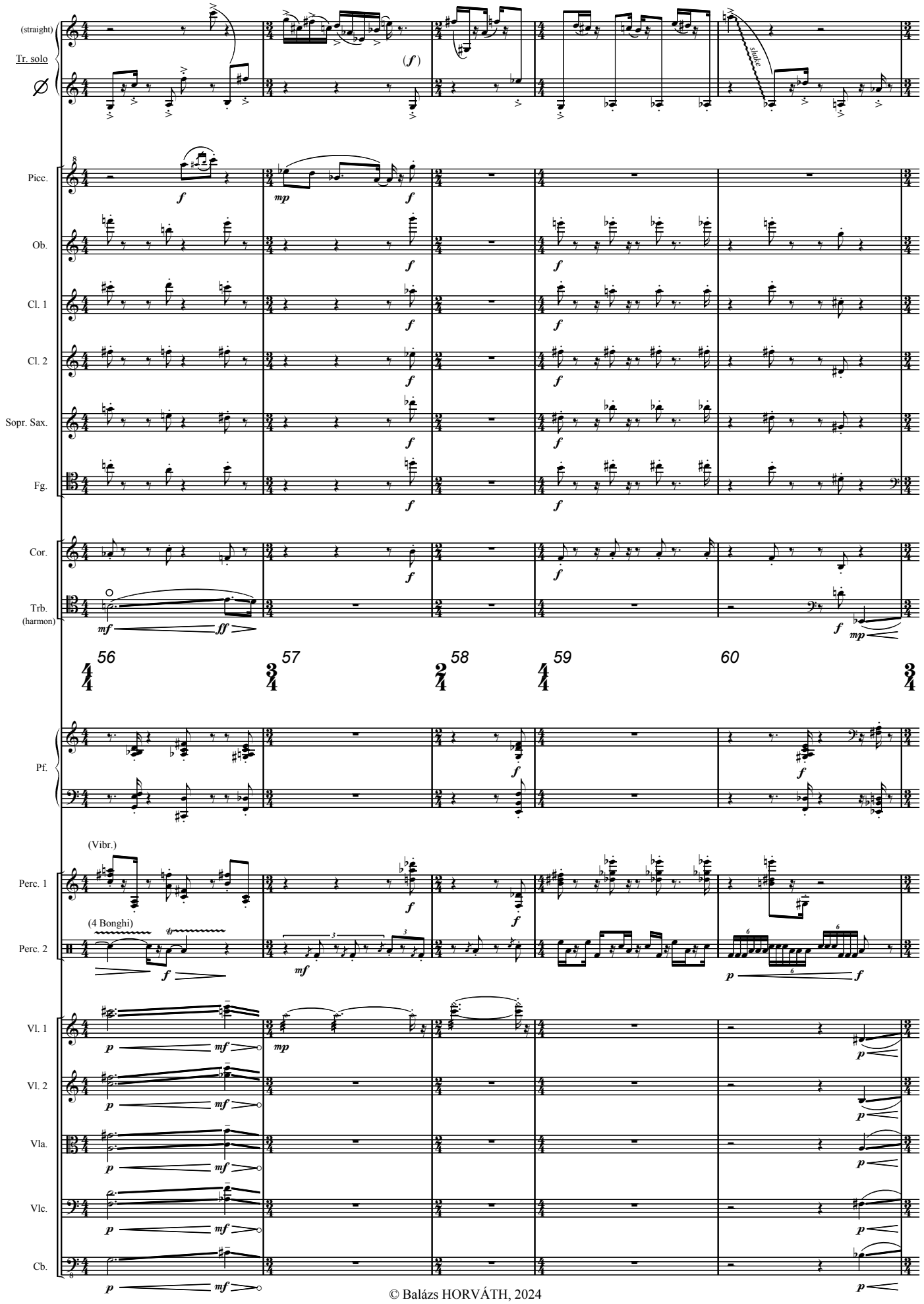

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(straight)
Tr. solo
Picc.
frull.
Ob.
Cl. 1
Cl. 2
Sopr. Sax.
Fg.
Cor.
Trb.
(harmon)
Pf.
Perc. 1
(Vibr.)
Crot.
plastic headed mallet
l.v.
Vibr.
pp secco
Perc. 2
(4 Bonghi)
edge
center
sim.
trem. lento
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.
pizz.
arco
sul IV
sul III

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(straight)
Tr. solo
frull.
frull.
Picc.
Ob.
Cl. 1
Cl. 2
Sopr. Sax.
Fg.
Cor.
Trb.
(harmon)
glissando
67 68 69 70 71 72 73
Pf.
(Vibr.)
hard vibr. mallet
Perc. 1
(4 Bonghi)
center
Perc. 2
sul III
molto sul pont.
ord.
Vl. 1
Vl. 2
Vla.
Vlc.
sul V
flag.
flageolet glissando
Cb.

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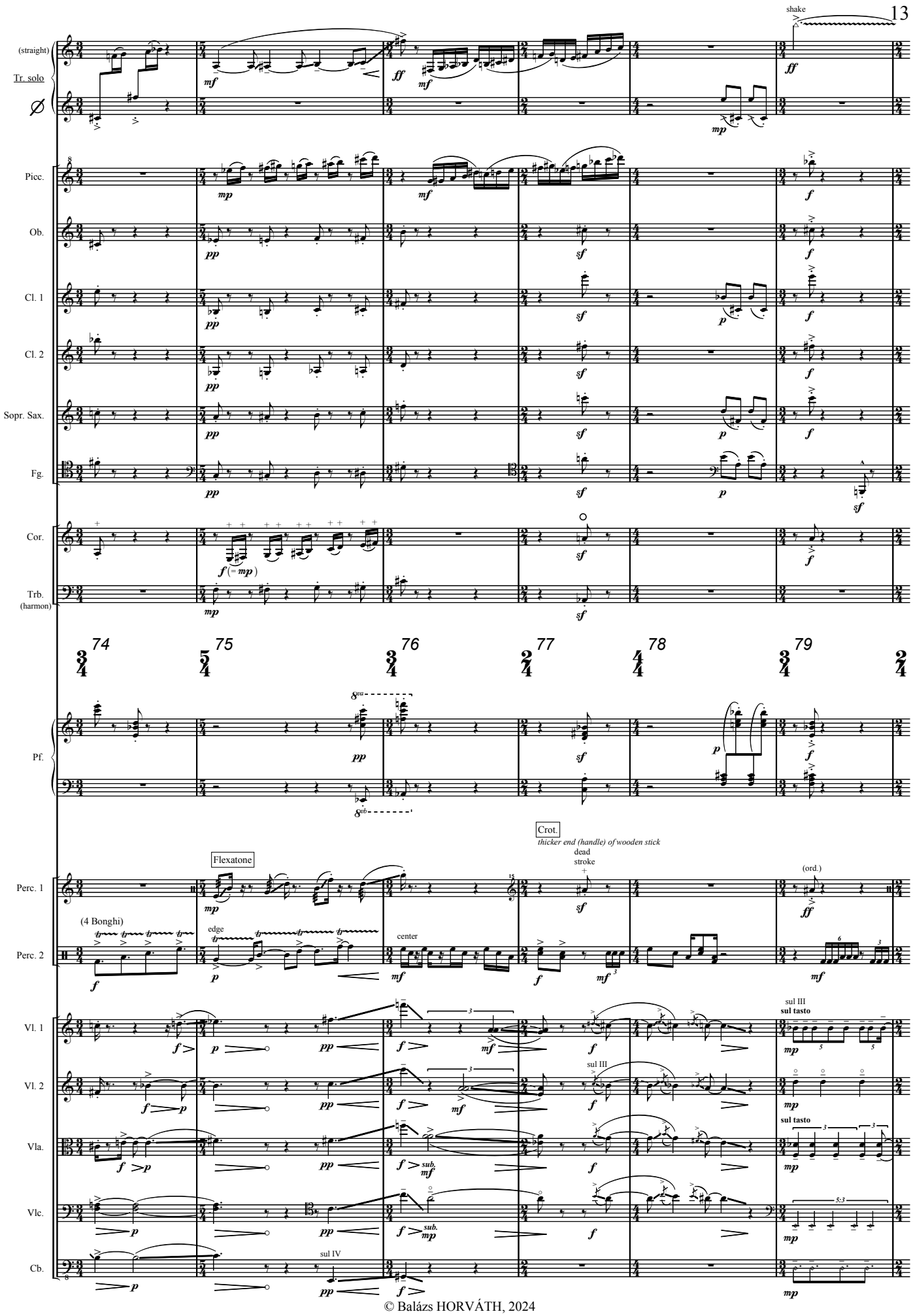

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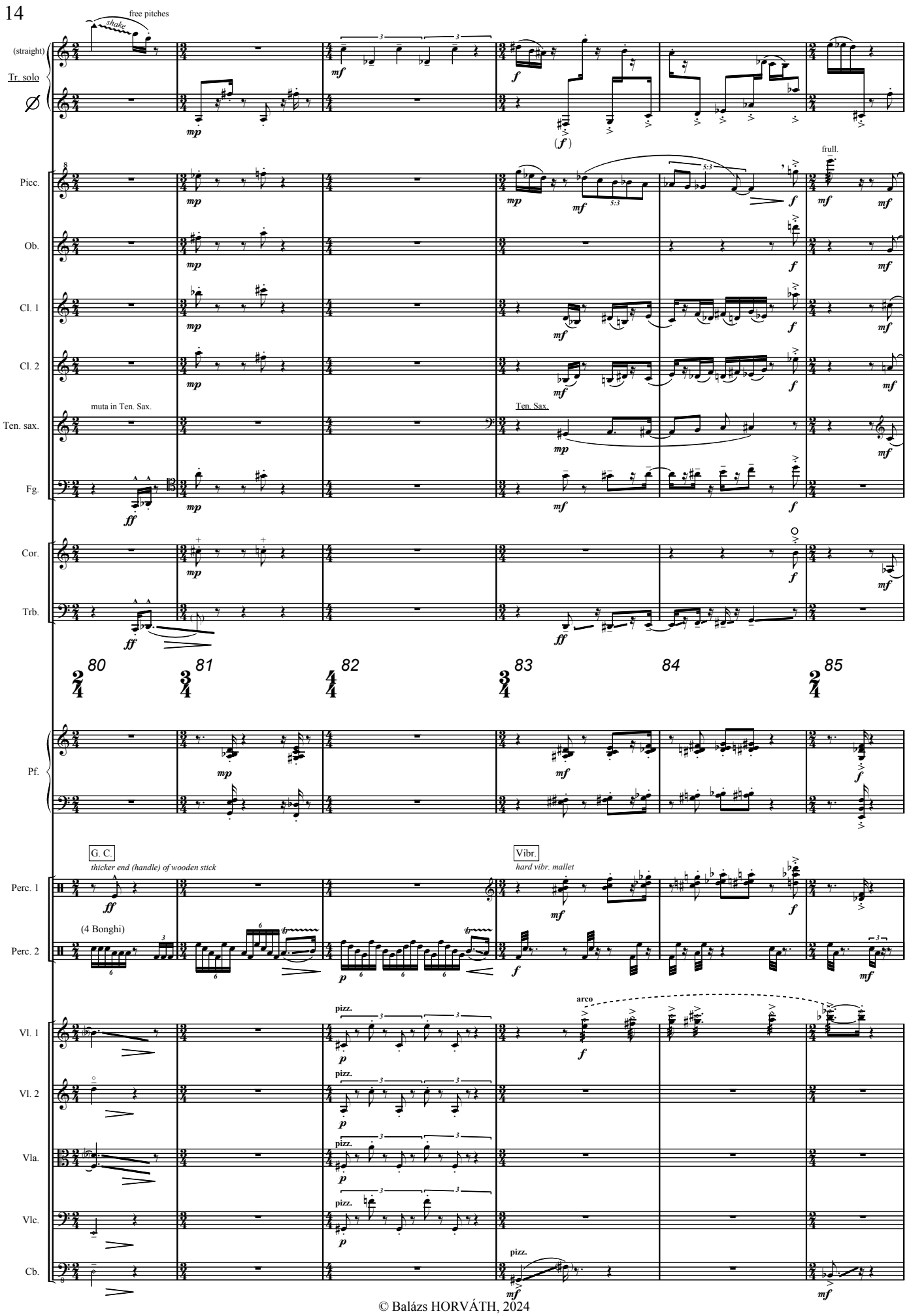

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(straight)
Tr. solo
Picc.
Ob.
Cl. 1
Cl. 2
Ten. sax.
Fg.
Cor.
Trb. (harmon)
frull.
vibr.
gliss.
86 87 88 89 90
Pf.
Perc. 1
(Vibr.)
Cow-bells
hard vibr. mallet
Perc. 2
(4 Bonghi)
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.
arco
sul III
sul II

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(straight)
Tr. solo
Picc.
Ob.
Cl. 1
Cl. 2
Ten. sax.
Fg.
Cor.
Trb. (harmon)
Pf.
Perc. 1
Perc. 2
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.

91 92 93 94 95

(Cow-bells)
(4 Bonghi)
Vibr.
hard vibr. mallet
Cow-bells
hard vibr. mallet
edge
center
pizz.
(pizz.)
sul IV
sul III

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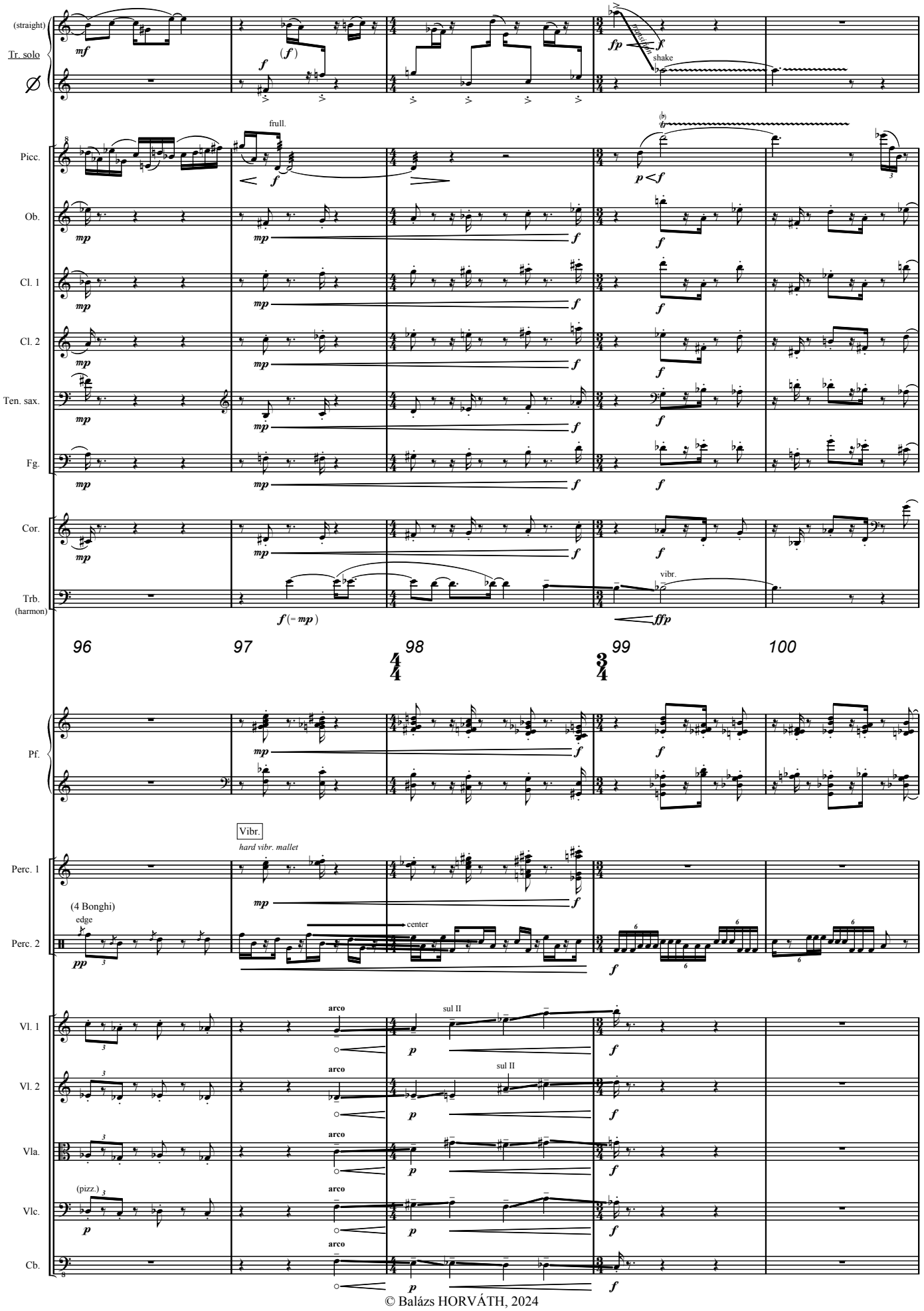

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(straight)
Tr. solo
muta in Fl. grande
Fl. grande
Fl.
Ob.
Cl. 1
Cl. 2
Ten. sax.
Fg.
Cor.
senza sord.
Trb.
(harmon)
101 102 103 104 105 106 107
Pf.
Cow-bells
wooden stick
Perc. 1
soft mar. mallet
(4 Bonghi)
Perc. 2
sul II
sul pont.
ord.
Vl. 1
Vl. 2
sul IV
Vla.
sul III
Vlc.
Cb.
pizz.

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(straight)
Tr. solo
Fl.
Ob.
Cl. 1
Cl. 2
Ten. sax.
Fg.
Cor.
Trb.
Pf.
Perc. 1
Perc. 2
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.

108 109 110 111 112 113 114

vibr. frull. bisbigl. trem. lento with lips gliss. (loco!) Ptto. sosp. (med.) wooden stick keep perpendicularly l.v. Tamb. basco wooden stick dome Tamb. picc. (con corde) sandpaper block with handle come prima (4 Bonghi) edge center molto sul pont. ord. pizz. arco

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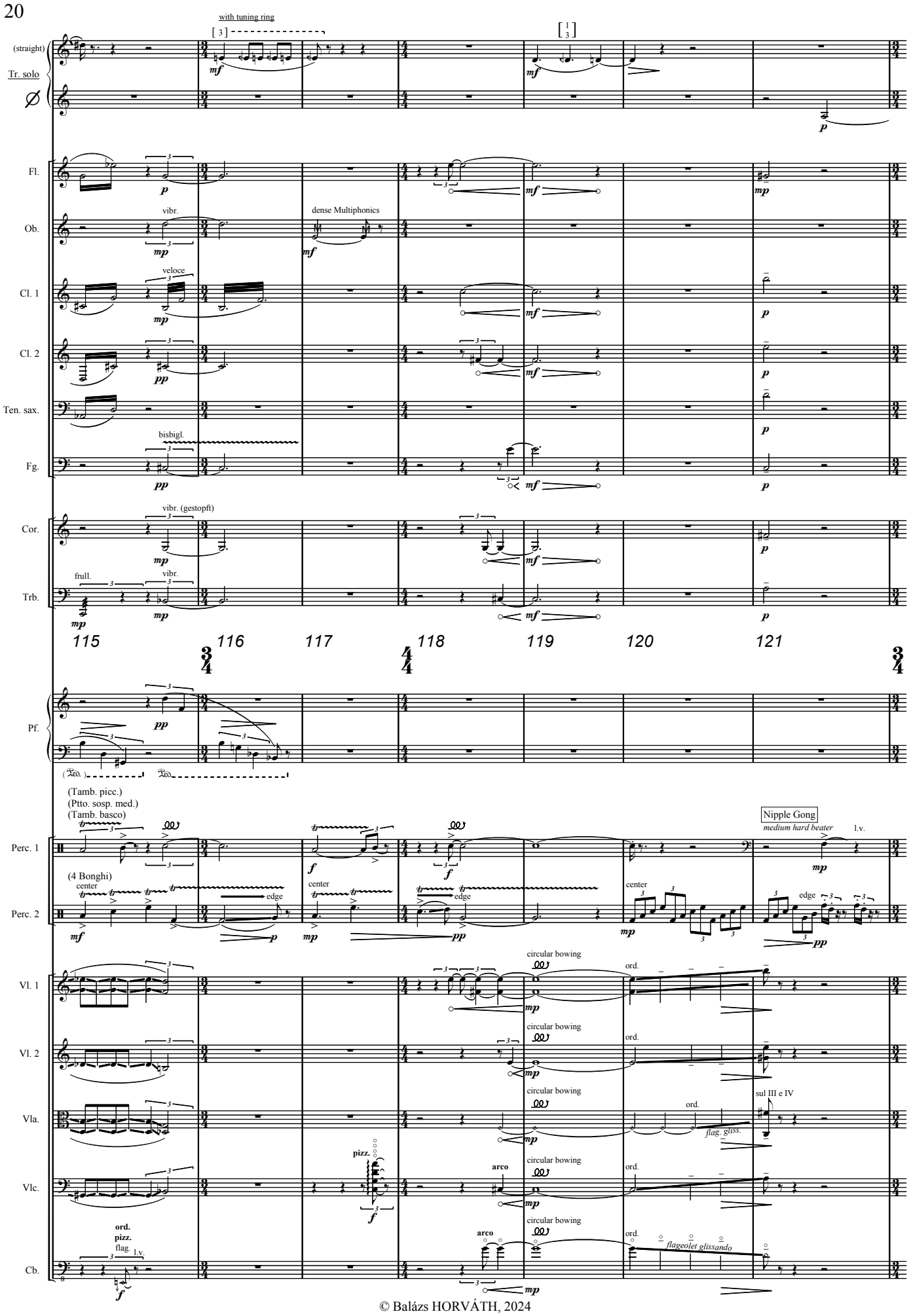

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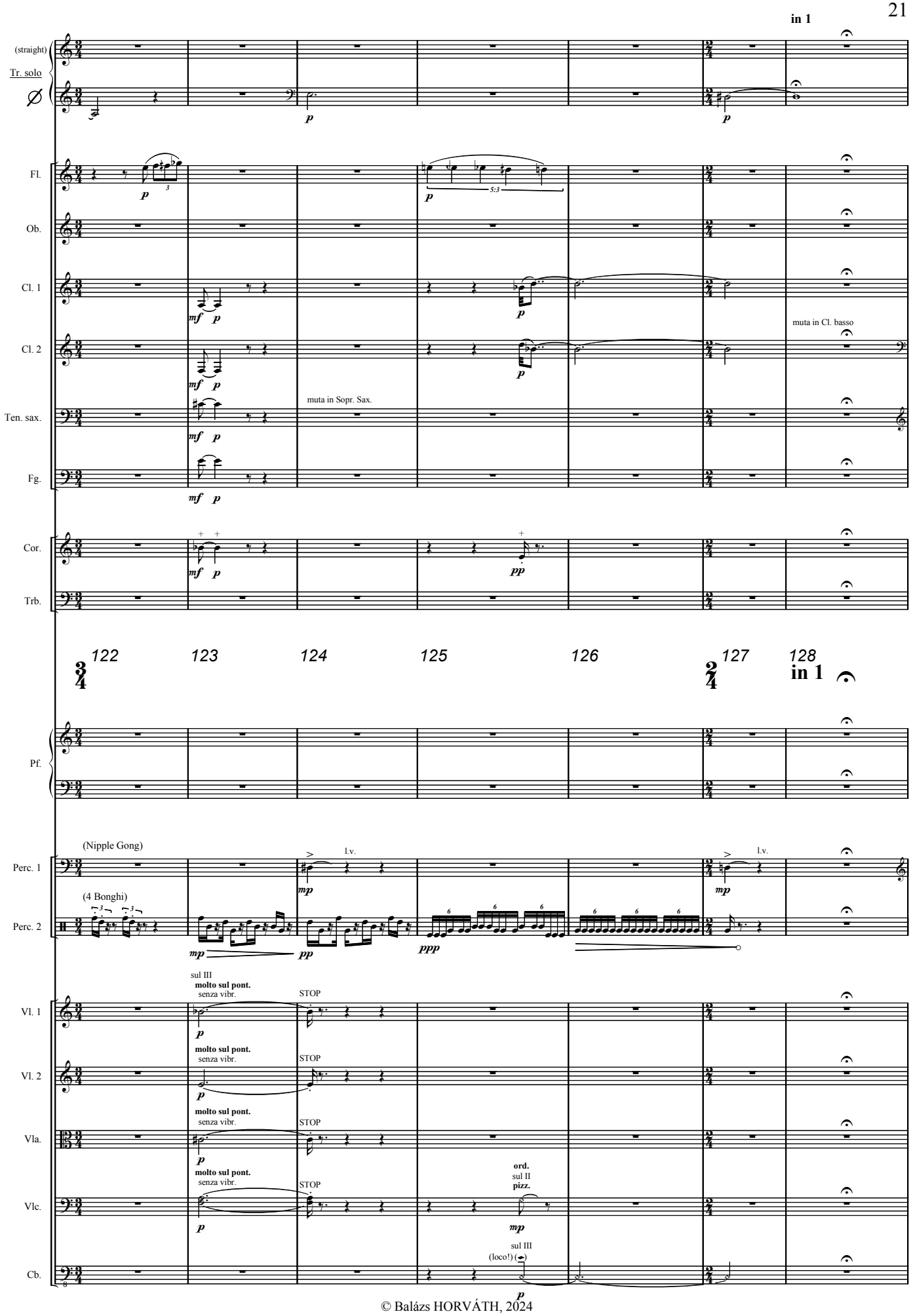

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3
(♩ = 108)
in 2 ca. 4 sec. & ♩ = 60

(straight)
Tr. solo
insert cup
Fl.
Ob.
Cl. 1
Cl. basso
Sopr. Sax.
Fg.
Cor.
sord. straight
Trb.
muta in Ten. Sax.
sord. cup

3
(♩ = 108)
129 in 2 ca. 4 sec. & 130 ♩ = 60 131 132 133 134 135

Pf.
Tub. bells
hard hammer
l.v.
Vibr.
hard vibr. mallet
secco
Nipple Gong
superball
fist
beat
l.v.
Perc. 1
(4 Bonghi)
center
edge
Mar.
very soft mallet
Perc. 2
Vl. 1
Vl. 2
Vla.
Vlc.
Cb.
ord.
arco
sul V
flag.
nat.
(sic.!)
vibr.
senza vibr.
molto vibr.

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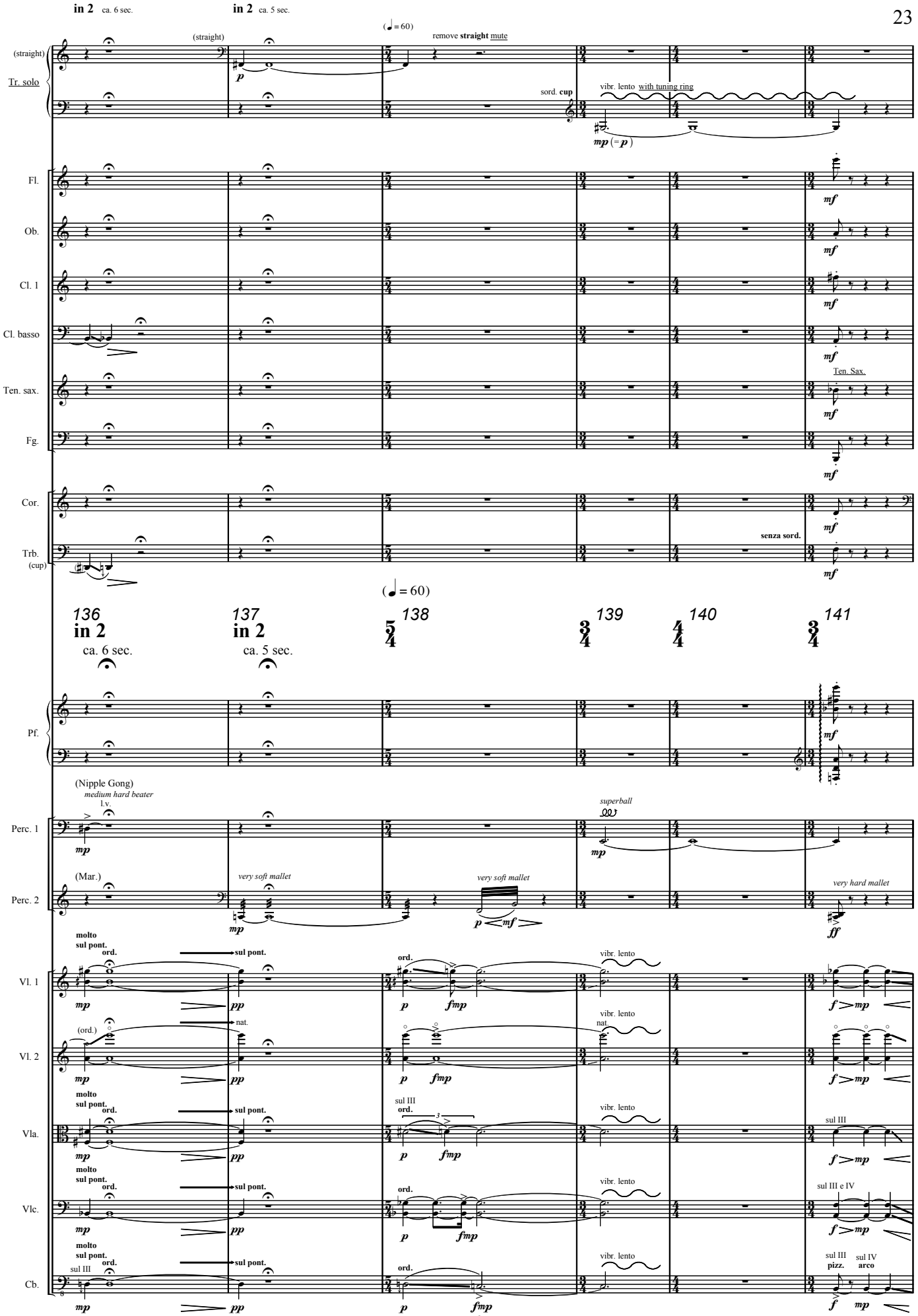

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in 3 | in 2 | ca. 4 sec. | (♩ = 60)

Tr. solo (cup): insert **cup** | remove **cup** mute during playing and insert it into top bell | insert **wawa** | sord. **cup** | sord. **wawa** | change to **cup**

Fl.: air | u → i | *p* < *mf* | Fl. picc. | muta in Fl. grande

Ob.

Cl. 1

Cl. basso

Ten. sax.: blow air on the sharp edge of the reed | "*f*"

Fg.

Cor.: VOICE | Instr. | *mp*

Trb.: air | u → i | *p* < *mf* | sord. **plunger** | slow

142 | 143 | 144 | 145 | 146 | 147

in 3 | 6/4 | in 2 | ca. 4 sec. | 5/8 | 2/4 | 3/4 | 3/8

Pf.

Perc. 1: Sizzle, *fingertips*, l.v. | Nipple Gong, *medium hard beater*, l.v. | Crot., *medium hard crot. beater*

Perc. 2: (Mar.), *very soft beater*, trem. lento | Guiro, *wooden stick*, slow | Tam-tam (small), *arco*, l.v.

Vl. 1: senza sincr. | molto vibr. | senza vibr.

Vl. 2

Vla.

Vlc.

Cb.

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(cup)
Tr. solo
(wawa)
vibr.
Fl.
Fl. grande
Ob.
Cl. 1
Cl. basso
muta in Cl. in Si♭
Cl. in Si♭
Ten. sax.
Fg.
Cor.
1/2 gestopft
sim.
Trb. (plunger)
1/2 closed
148 149 150 151 152 153 154
Pf.
Perc. 1
Ptto. sosp. (med.)
arco
l.v.
Sizzle
fingers
Tamb. picc. (con corde)
superball
Perc. 2
Tam-tam (large)
wooden stick
keep perpendicularly
ossia: superball
medium hard beater
beat
Trgl.
wooden stick
Vl. 1
Vl. 2
Vla.
Vlc.
sul II e III
sul pont.
ord.
Cb.

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(cup)
Tr. solo
(wawa)
vibr. lento
with tuning ring
vibr. lento
frull.
with tuning ring
sim.
Fl.
Ob.
Cl. 1
Cl. basso
muta in Cl. basso
Ten. sax.
Fg.
Cor.
Trb.
sord. wawa

155 156 157 158 159 160 161

touch the string
with 2 fingers (noisy)
Pf.
plectrum
scratch the string lengthwise
fast
sim.
slow
fingertips
gliss. across strings
sim.
secco
sim.
gliss. across strings
fingertips

Nipple Gong
superball
beat on the flat surface
l.v.
Tamb. picc. (con corde)
sandpaper block with handle
G. C.
superball
Perc. 1
Ratchet
Perc. 2
Tub. bells
metal stick
l.v.

Vl. 1
sul pont.
Vl. 2
Vla.
Vlc.
sul I
Cb.

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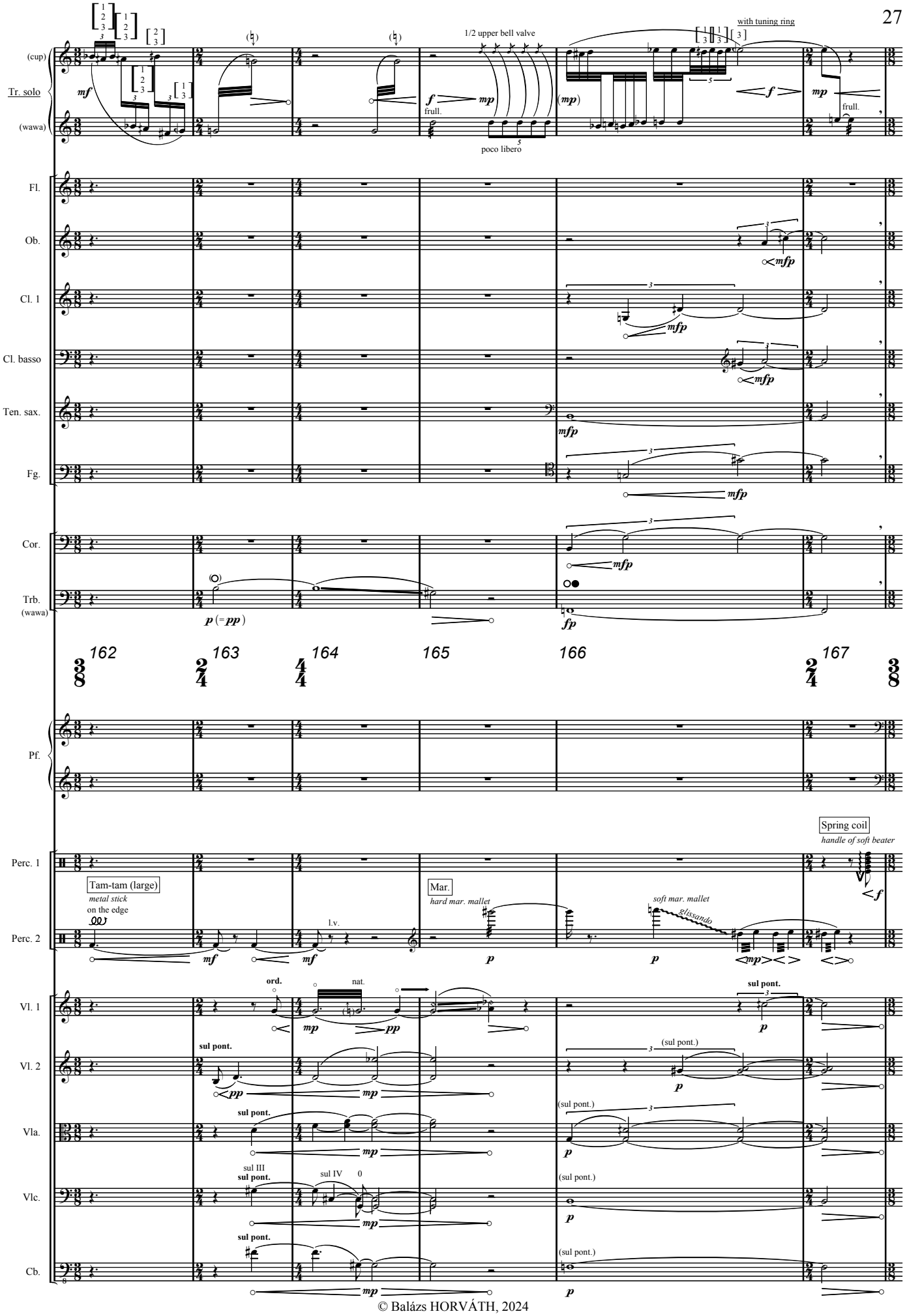

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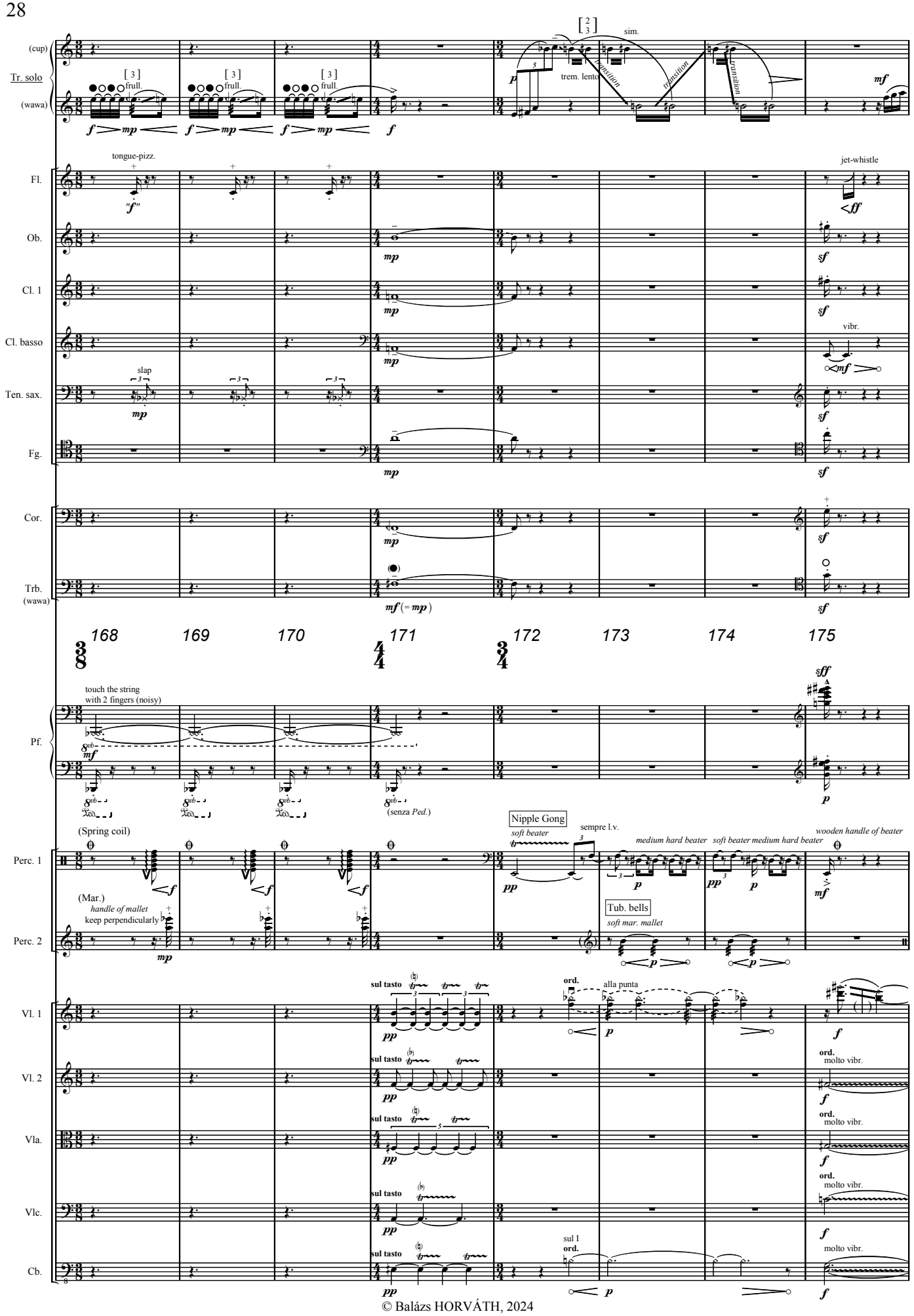

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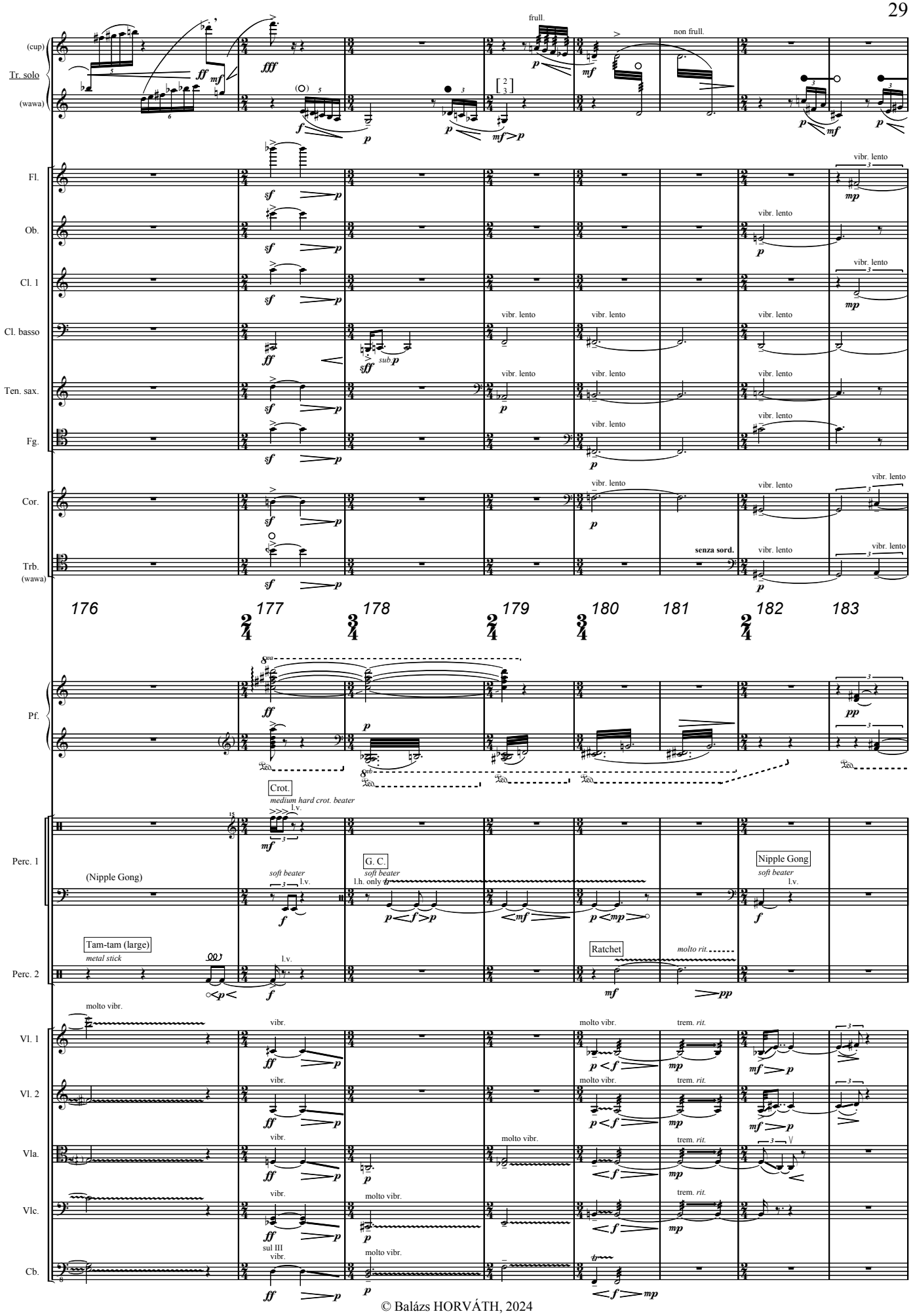

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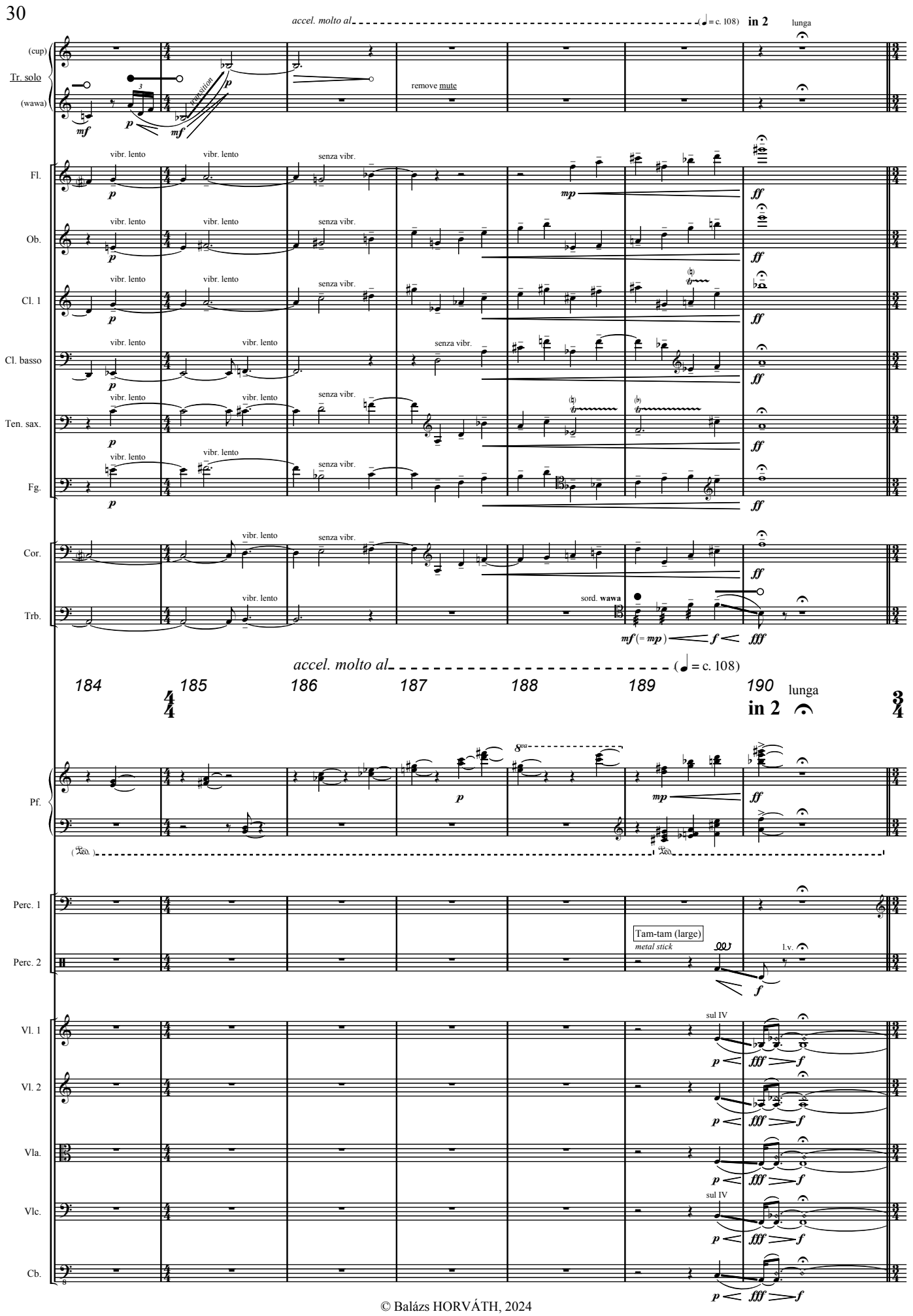

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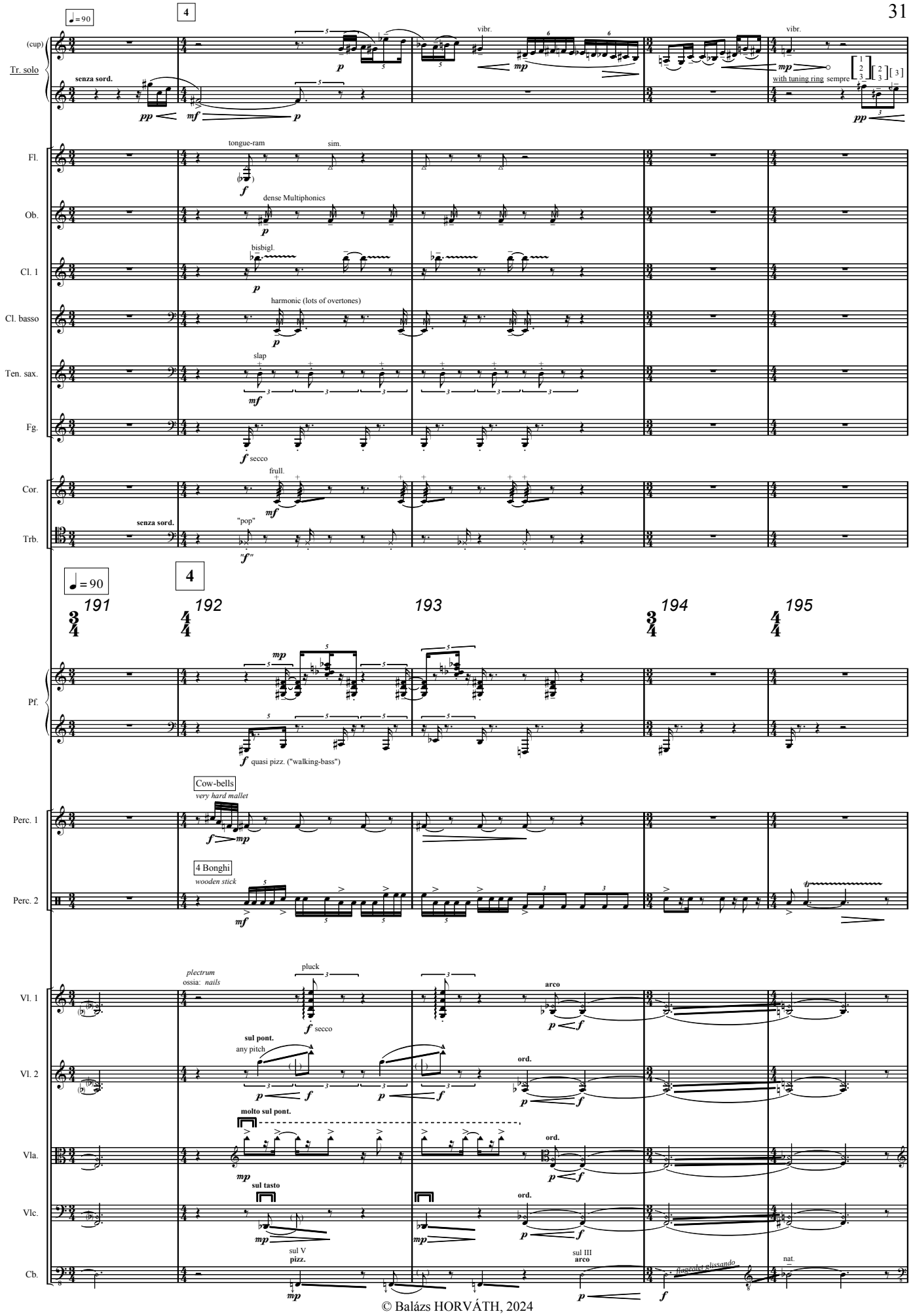

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(cup)
Tr. solo
(sic.!)
Fl.
Ob.
Cl. 1
Cl. basso
Ten. sax.
Fg.
Cor.
Trb.
come prima

196 197 198 199 200

Pf.
(Cow-bells)
Perc. 1
(4 Bonghi)
Perc. 2
sempre l.v.

plectrum
ossia: nails
pluck
Vl. 1
arco
Vl. 2
sul pont.
ord.
Vla.
molto sul pont.
sul tasto
Vlc.
pizz.
Cb.

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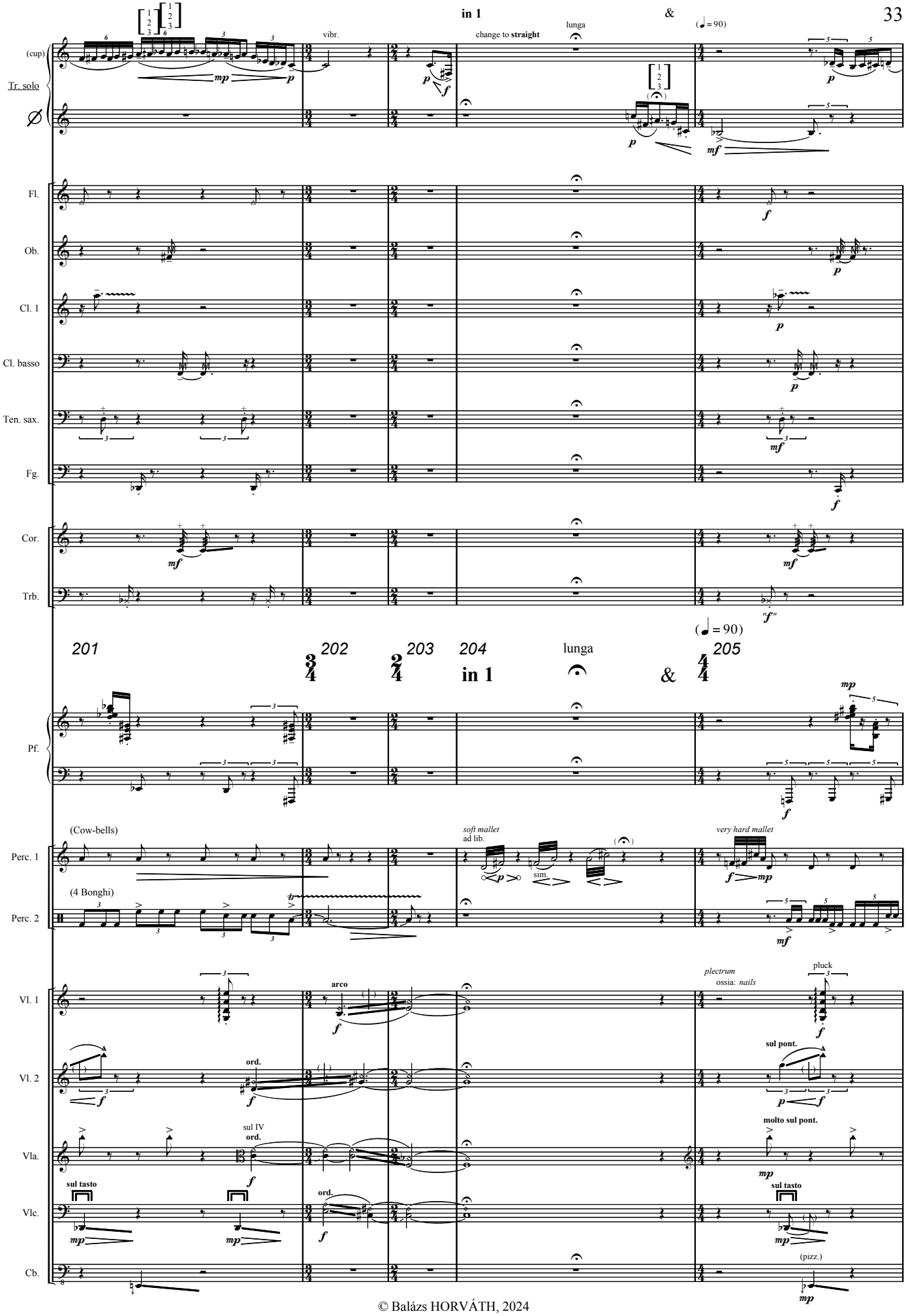

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(straight)
Tr. solo
vibr.
with tuning ring
Fl.
Ob.
Cl. 1
Cl. basso
Ten. sax.
Fg.
Cor.
Trb.

206 207 208 209 210

Pf.
(Cow-bells)
Perc. 1
3 W-bl.
very hard mallet
(4 Bonghi)
Perc. 2
Vl. 1
(sul pont.)
ord.
sul pont.
molto sul pont.
Vl. 2
Vla.
Vlc.
sul I
arco
pizz.
Cb.

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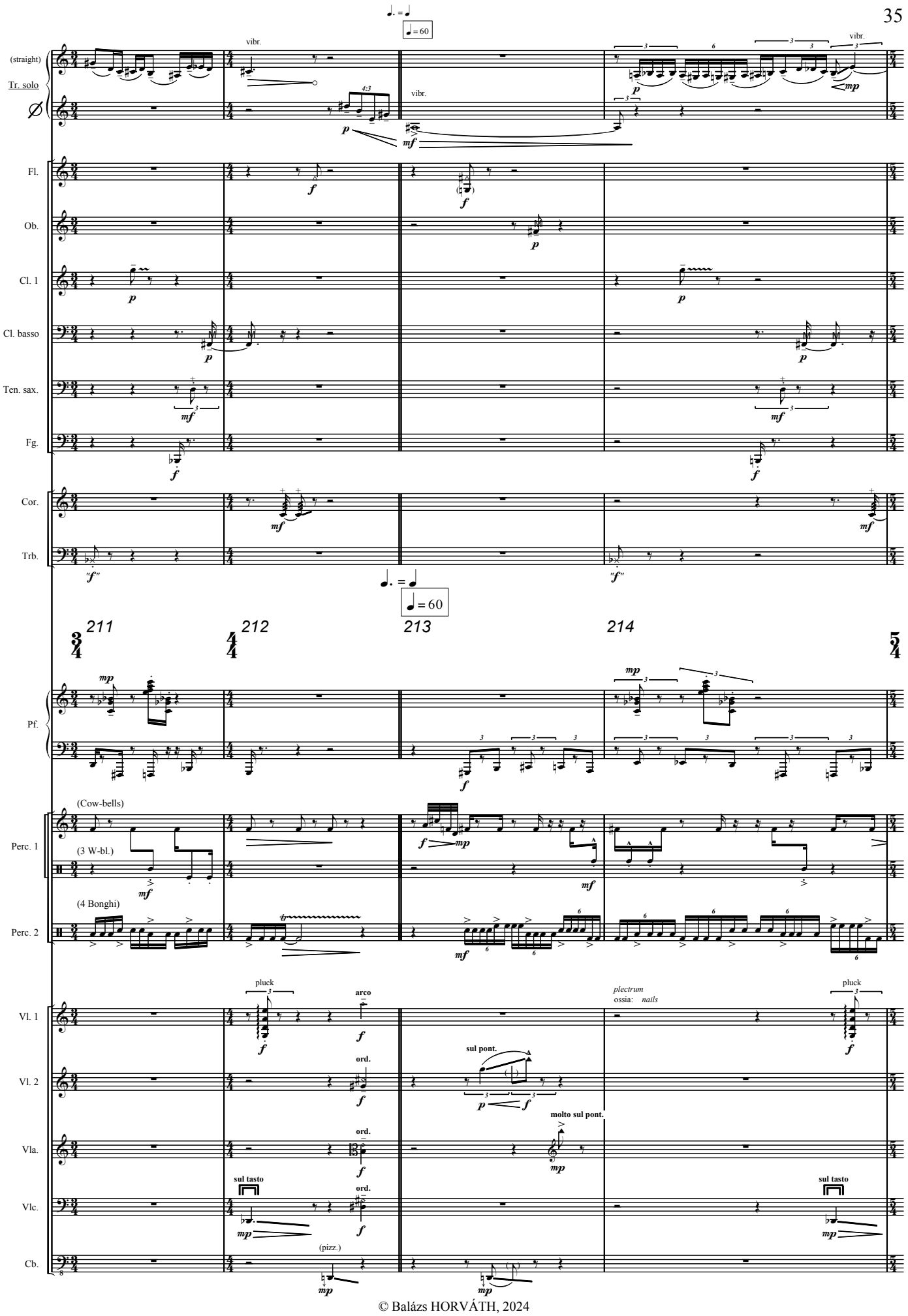

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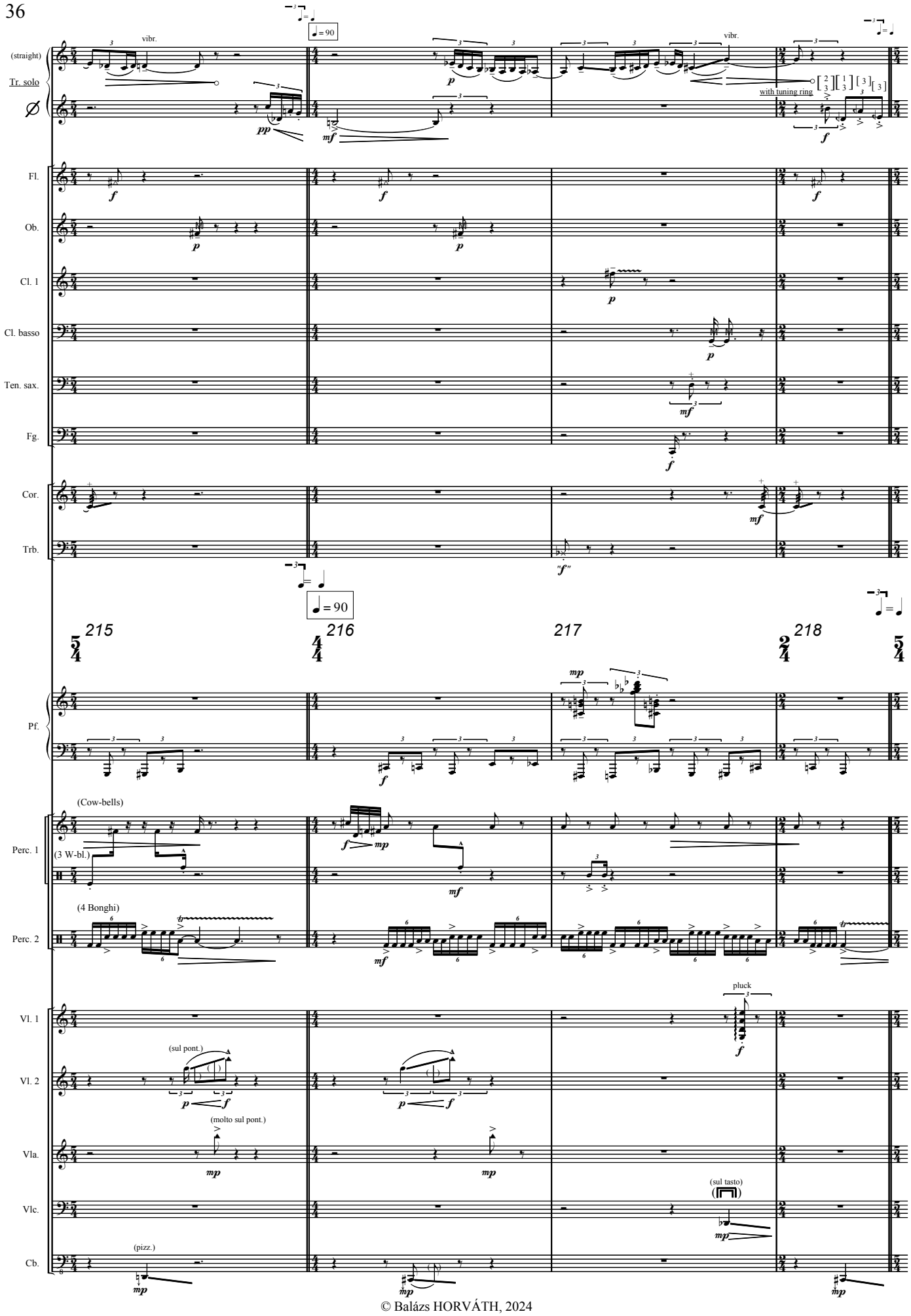

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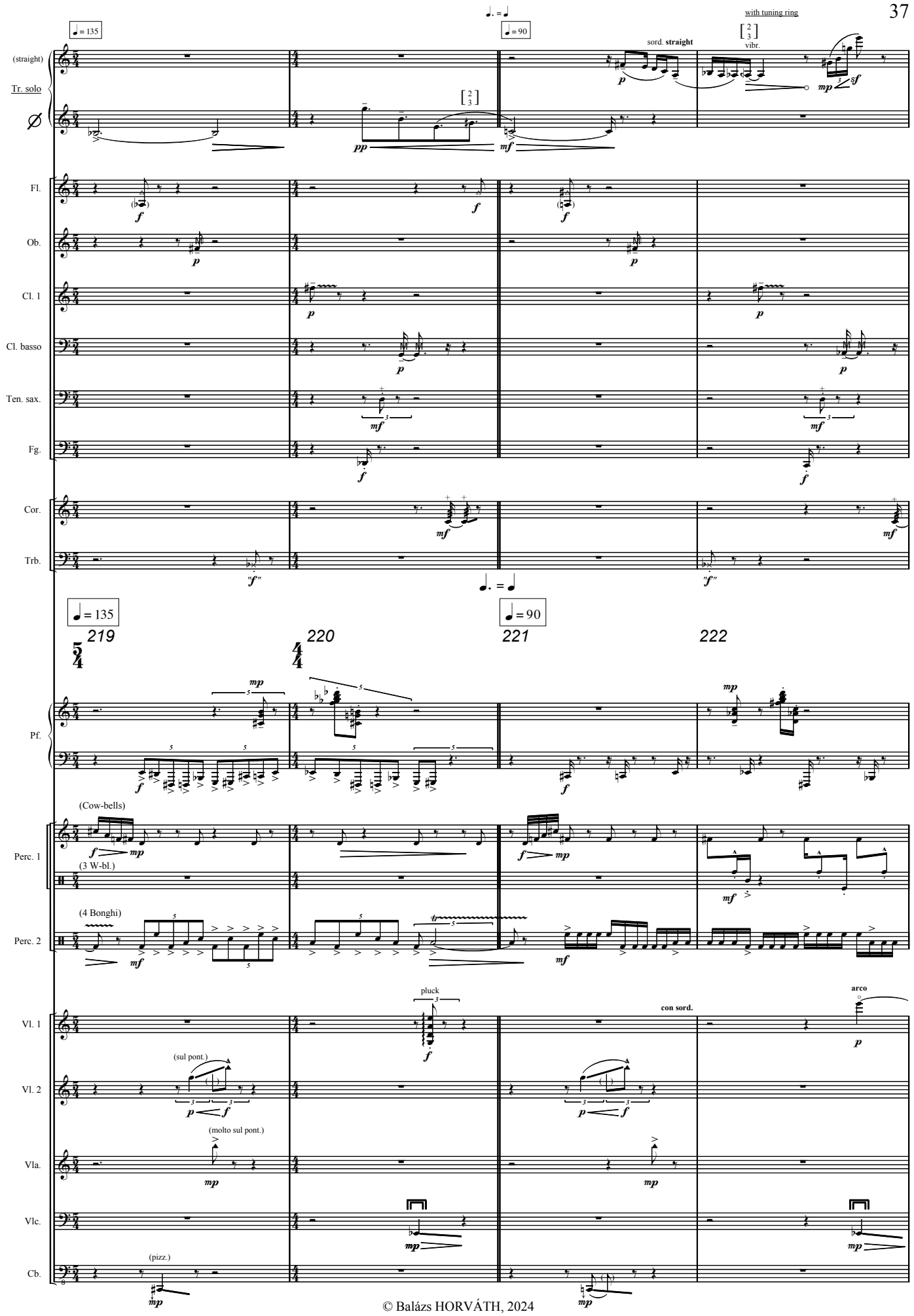

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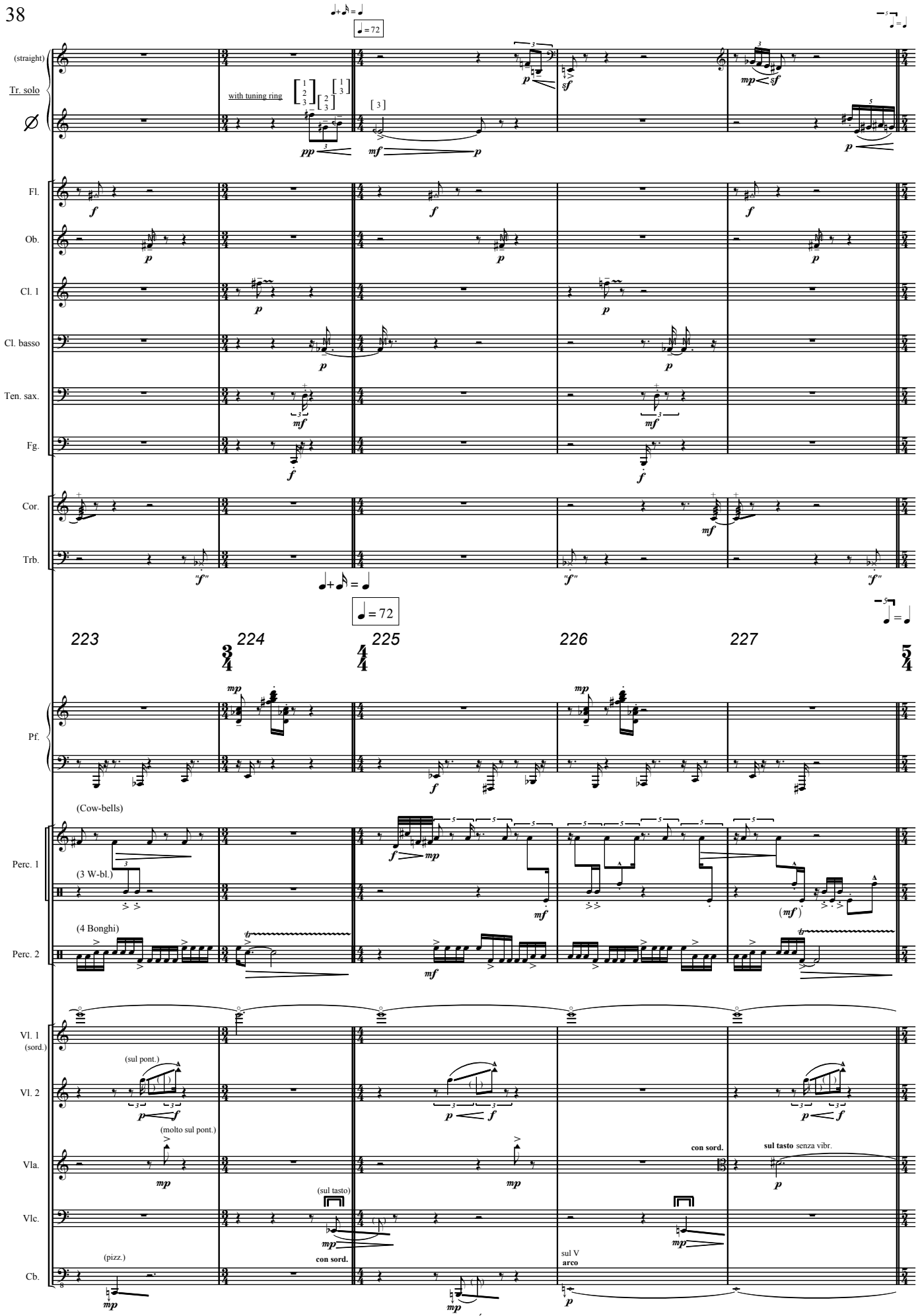

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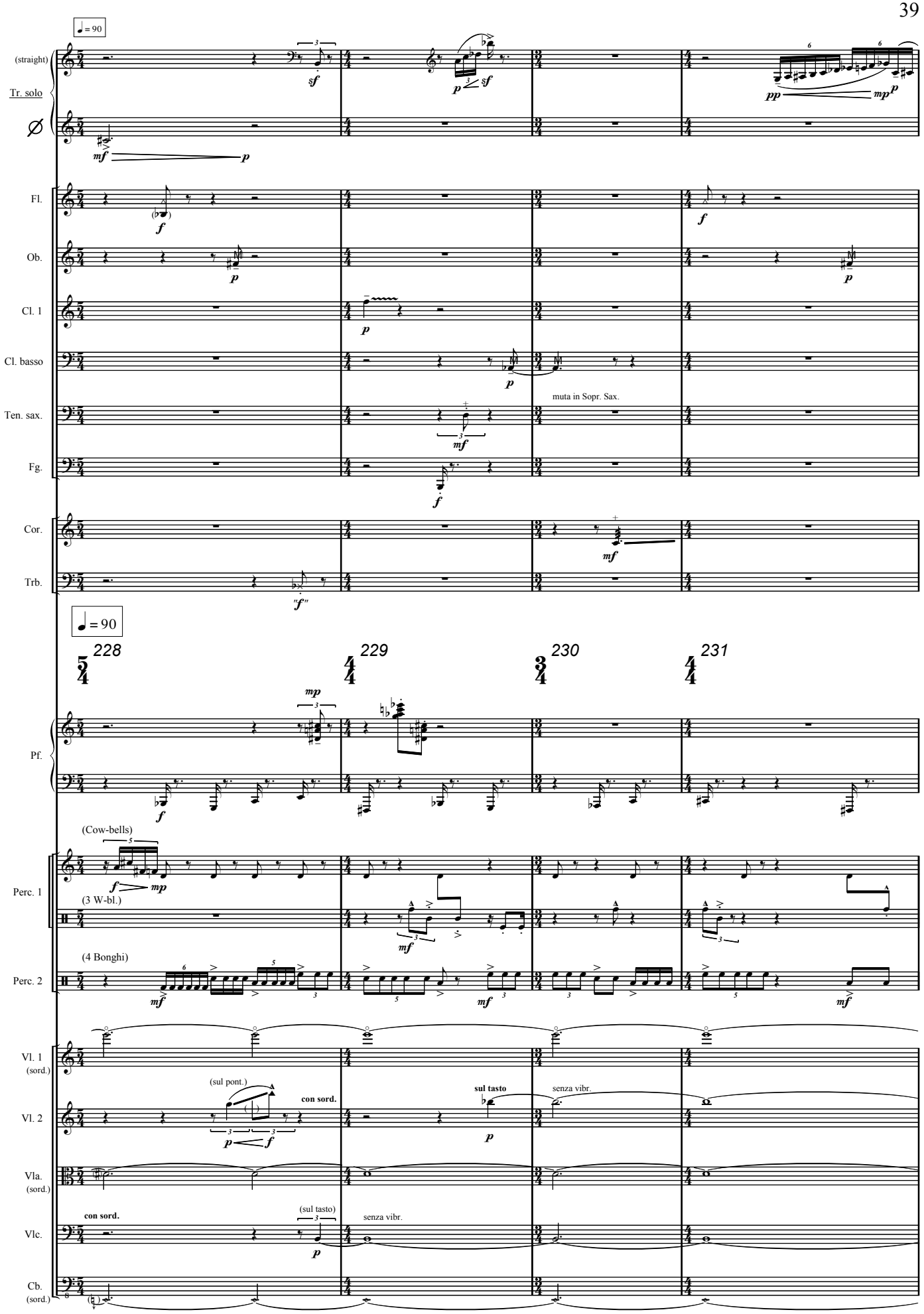

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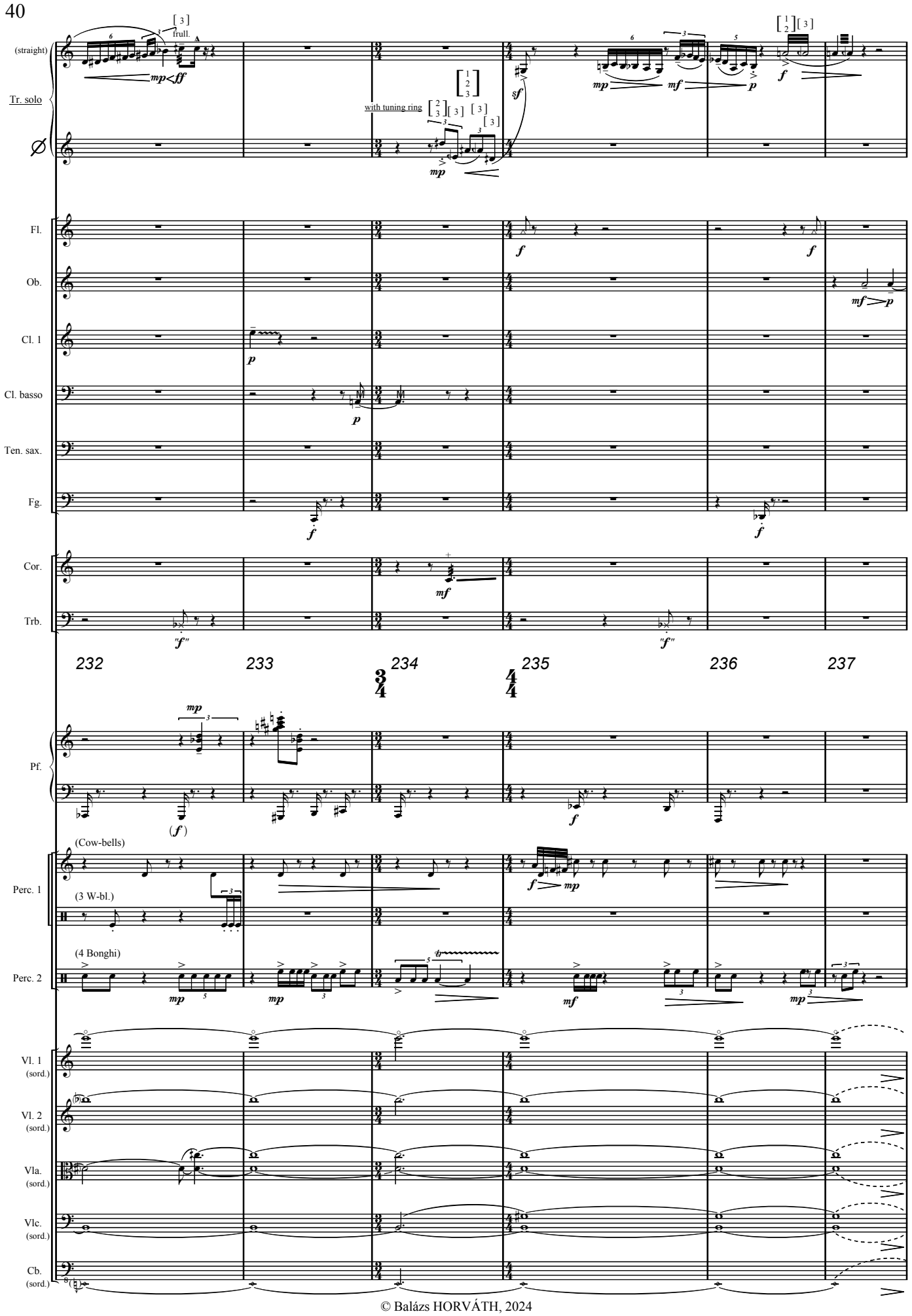

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in 2
lunga
5
♩ = 100
(straight)
Tr. solo
insert **wawa**
sord. **wawa**
Fl.
Ob.
Cl. 1
Cl. basso
Sopr. Sax.
Fg.
Cor.
Trb.

238 239 240 241 242 243 244 245

in 2
lunga
nails
gliss. across strings
fast
sim.
come prima
Pf.
Perc. 1
Perc. 2
sul tasto
nat.
gliss. lentiss.
glissando lentissimo
Vl. 1 (sord.)
Vl. 2 (sord.)
Vla. (sord.)
Vlc. (sord.)
Cb. (sord.)
sul III
sul II
sul III e IV

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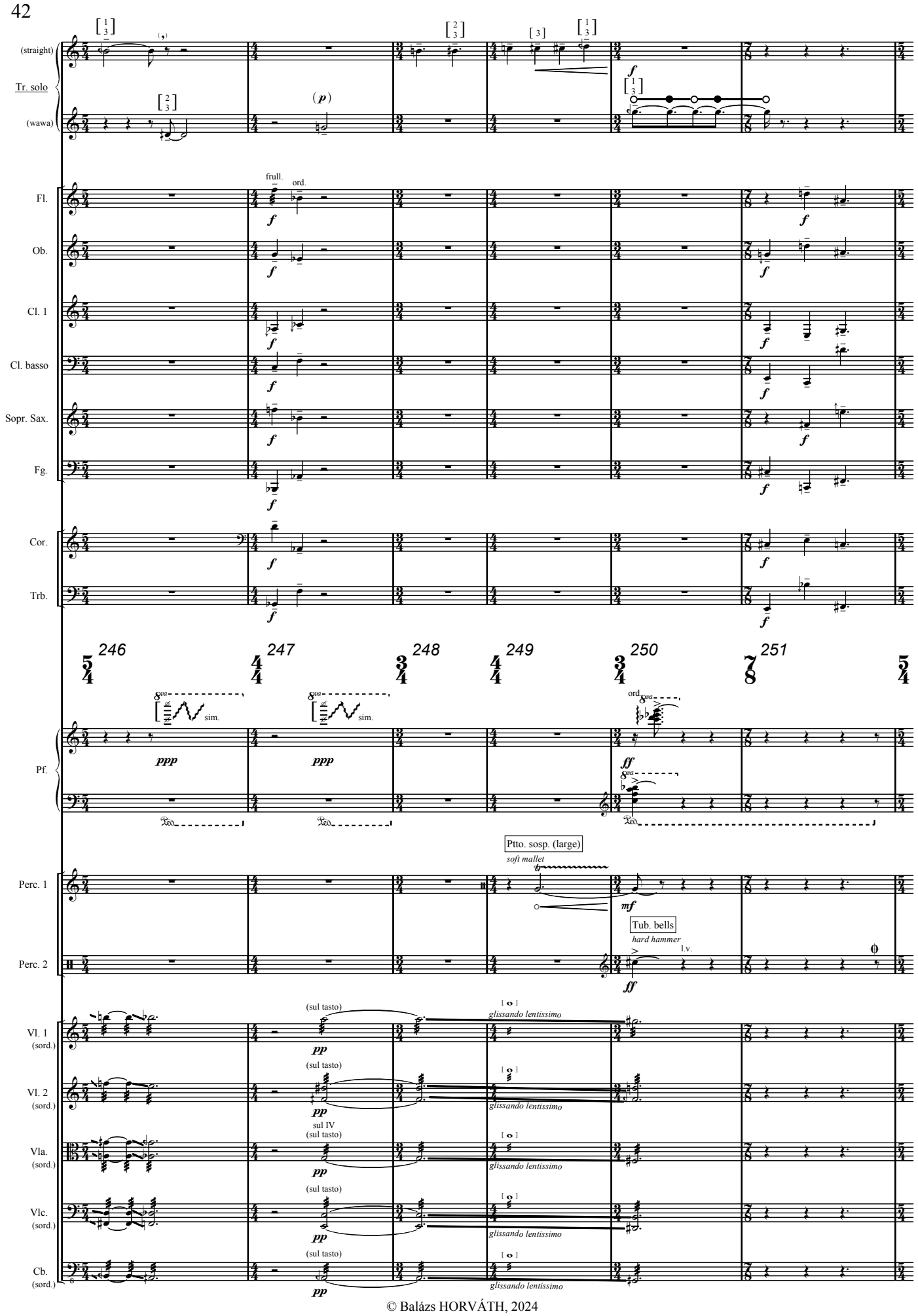

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(straight)
Tr. solo
(wawa)
Fl.
Ob.
Cl. 1
Cl. basso
Sopr. Sax.
Fg.
Cor.
Trb.
Pf.
Perc. 1
Perc. 2
Vl. 1 (sord.)
Vl. 2 (sord.)
Vla. (sord.)
Vlc. (sord.)
Cb. (sord.)

in 5

252 253 254 255 256 257 258

nails come prima

ord.

(Ptto. sosp.)

(Tub. b.)

Vibr.

hard vibr. mallet

l.v.

(sul tasto)

sul tasto

flageolet glissando

glissando lentissimo

sul III

pizz.

arco

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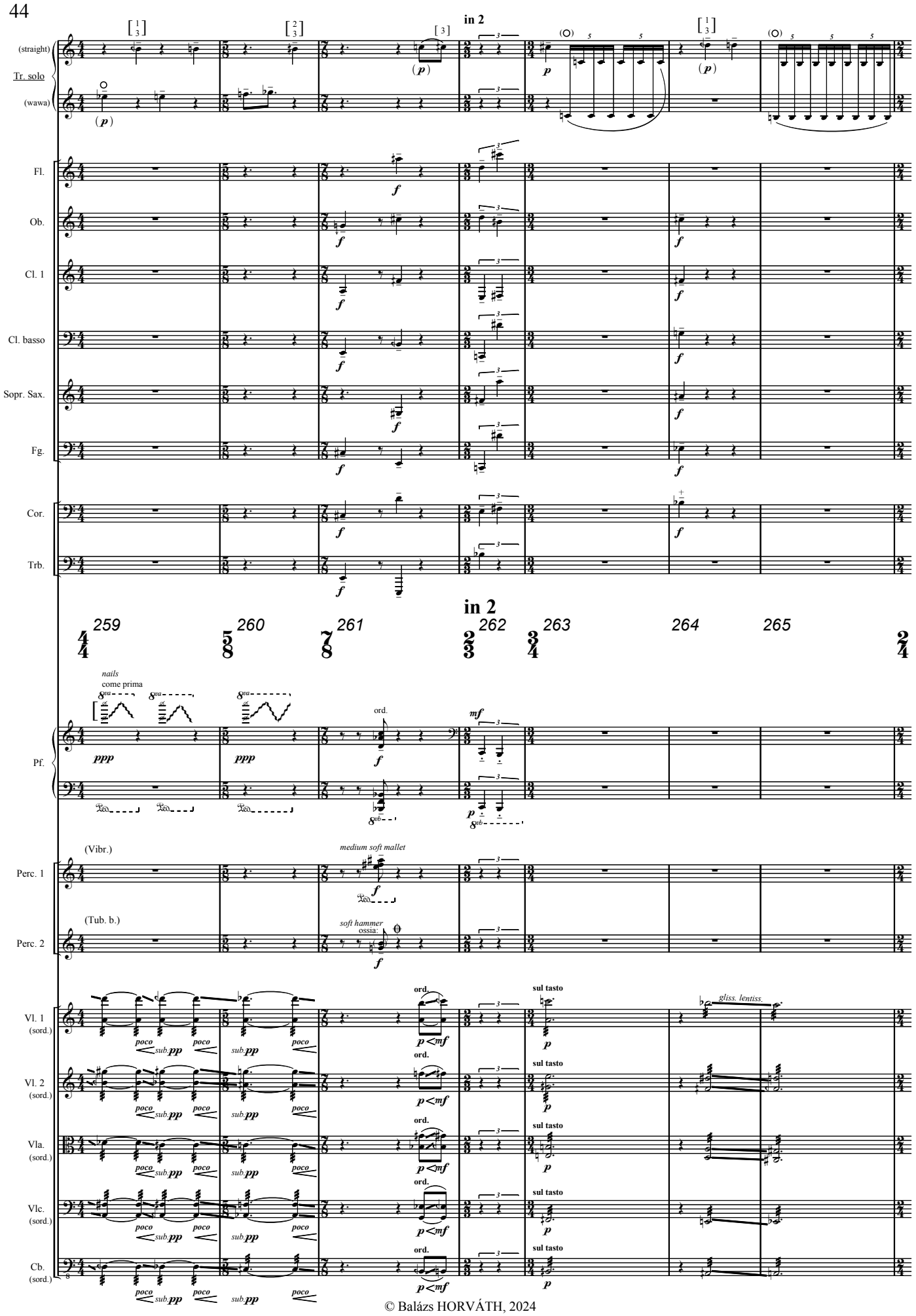

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(straight)
Tr. solo
(wawa)
Fl.
Ob.
Cl. 1
Cl. basso
Sopr. Sax.
Fg.
Cor.
Trb.
Pf.
Perc. 1
Perc. 2
Vl. 1 (sord.)
Vl. 2 (sord.)
Vla. (sord.)
Vlc. (sord.)
Cb. (sord.)

266 267 268 269 270

(Vibr.) hard vibr. mallet
(Tub. b.) hard hammer
ossia:
Mar. hard mar. mallet

(sul tasto) gliss.! ord. sul tasto sul III

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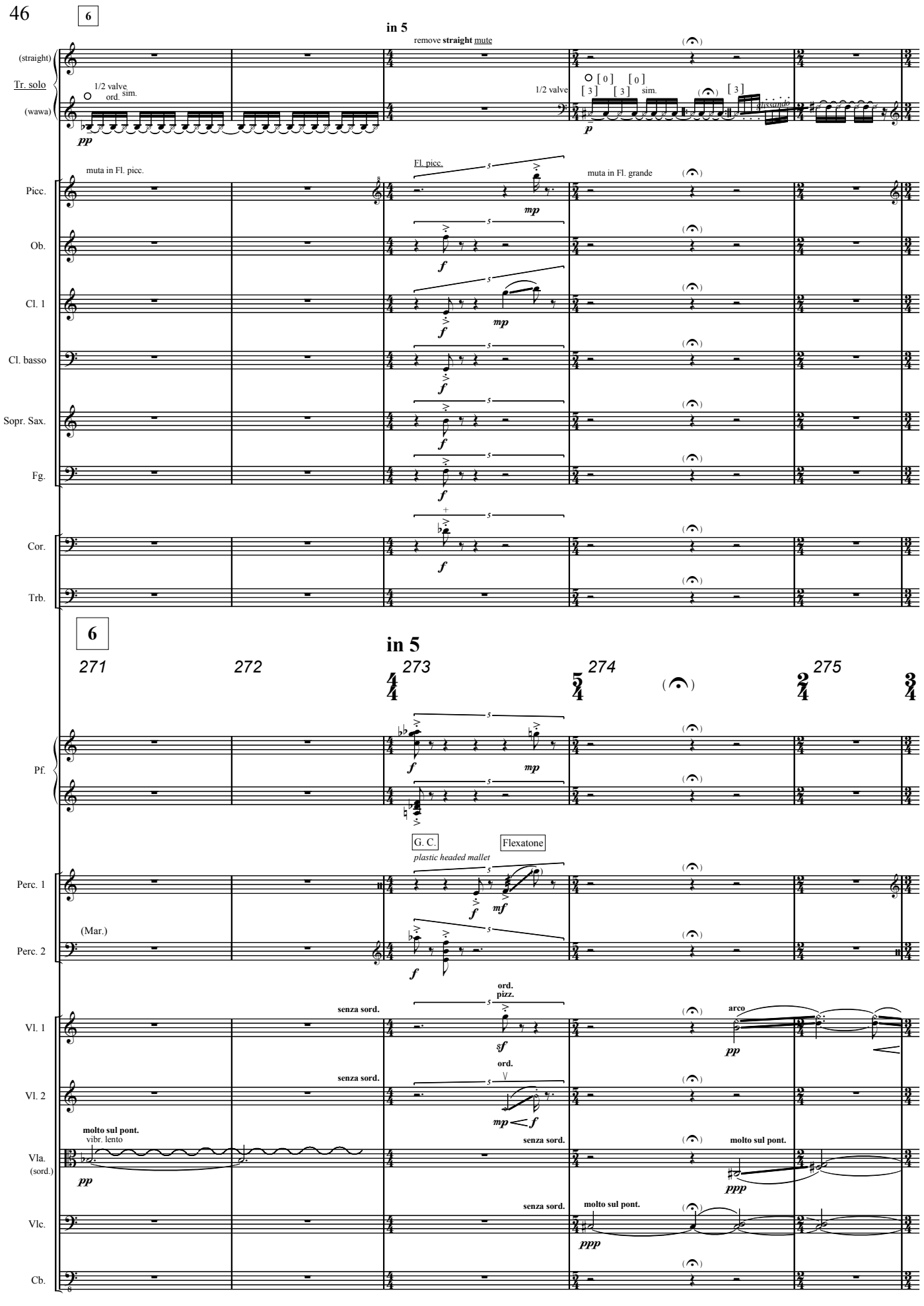

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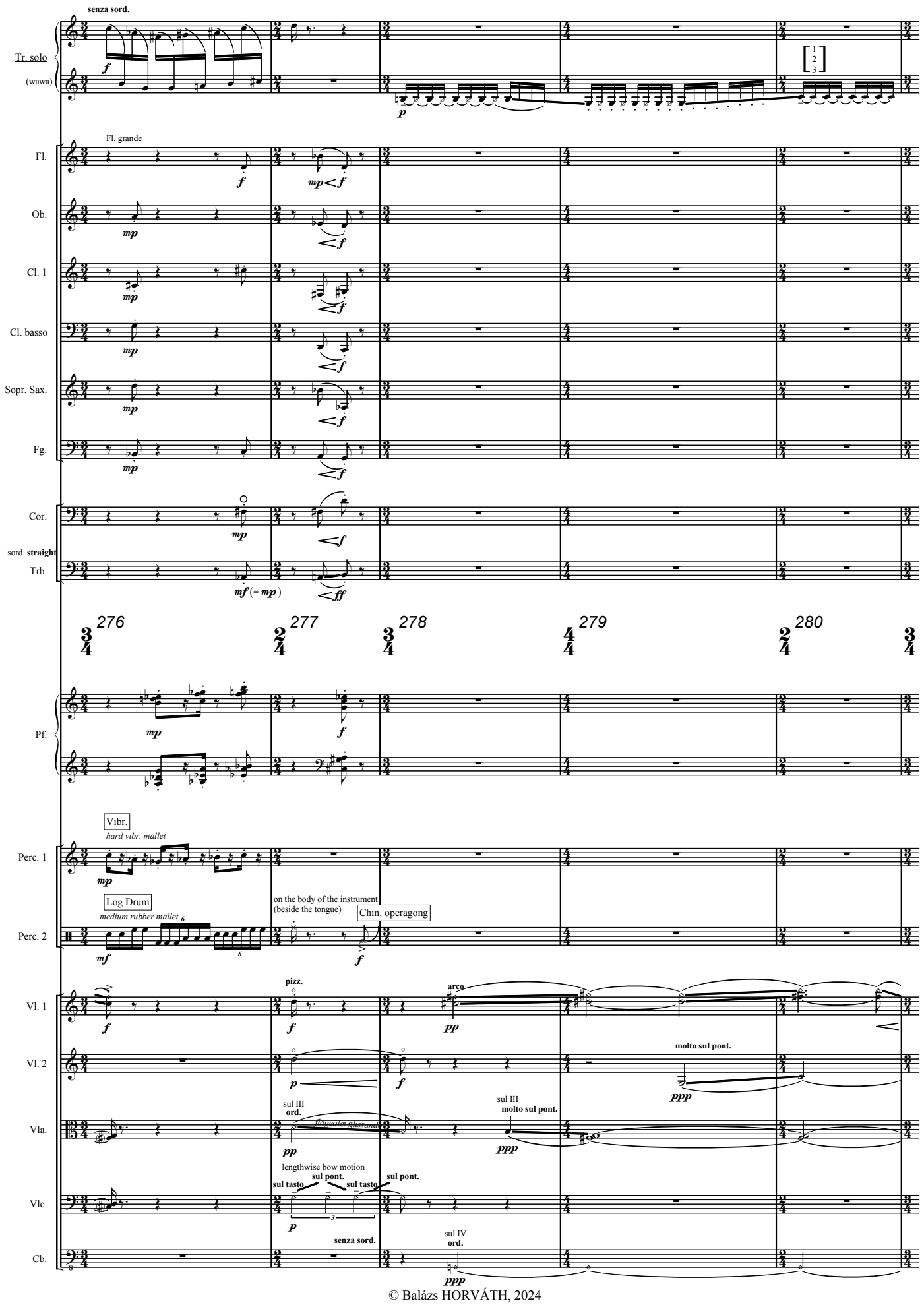

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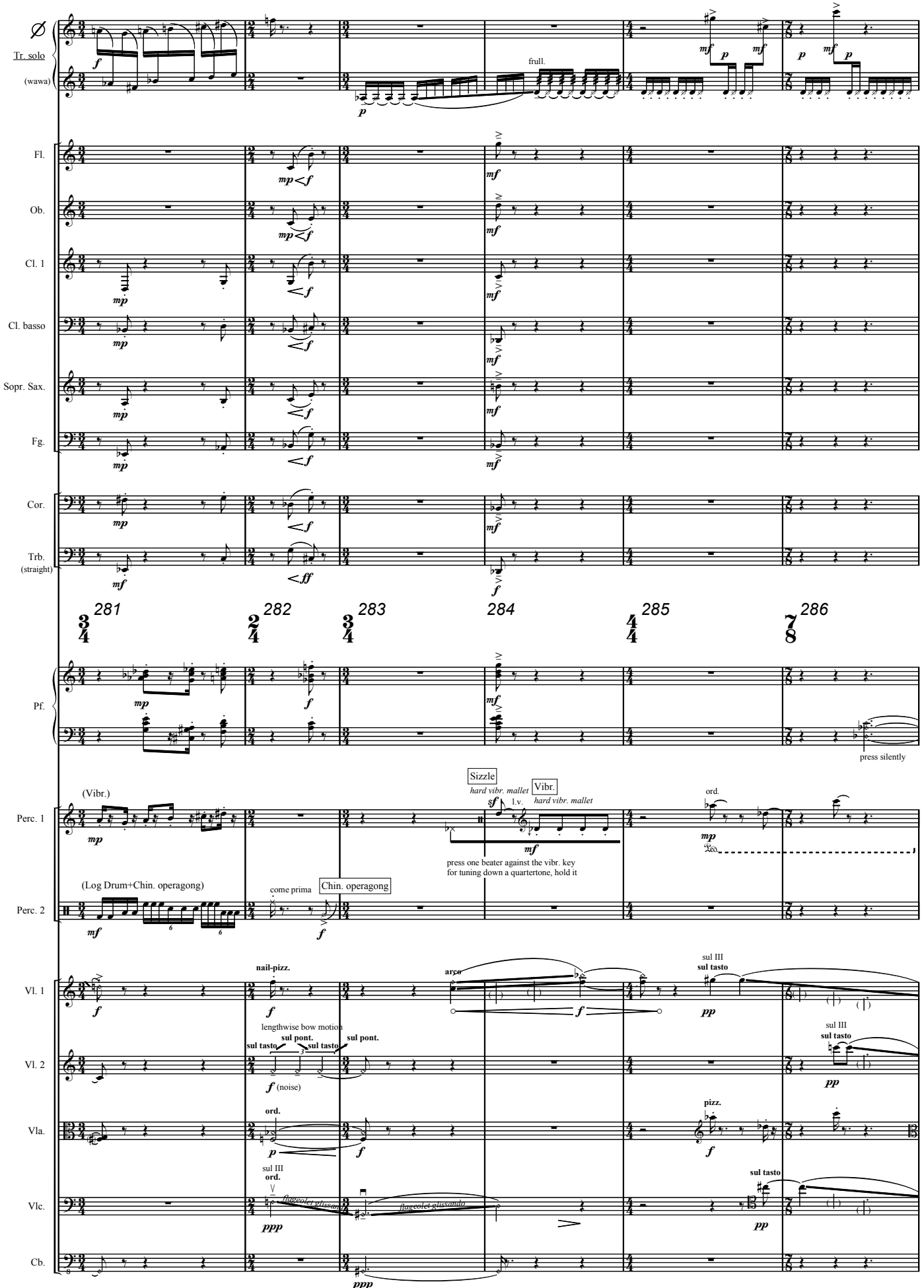

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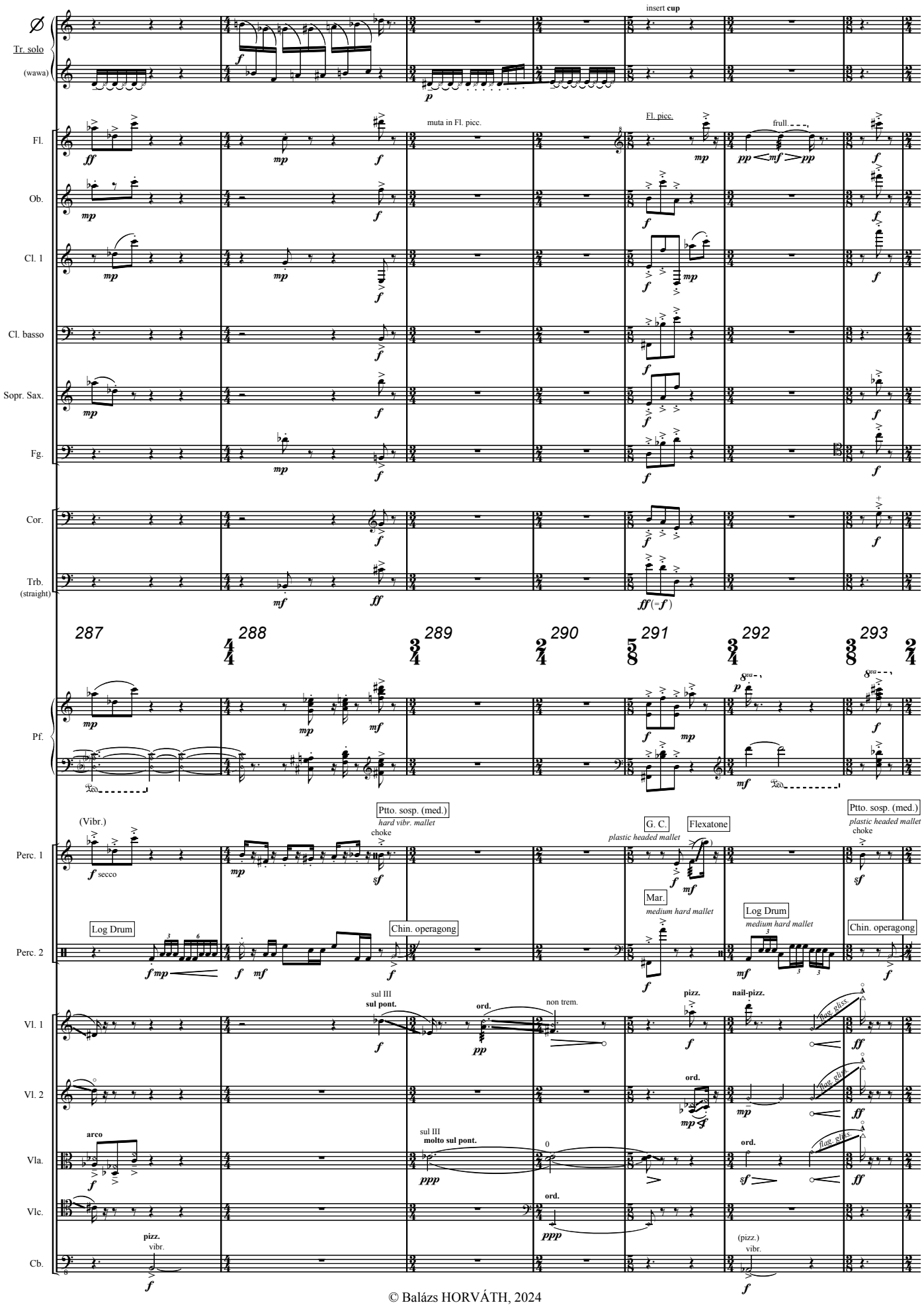

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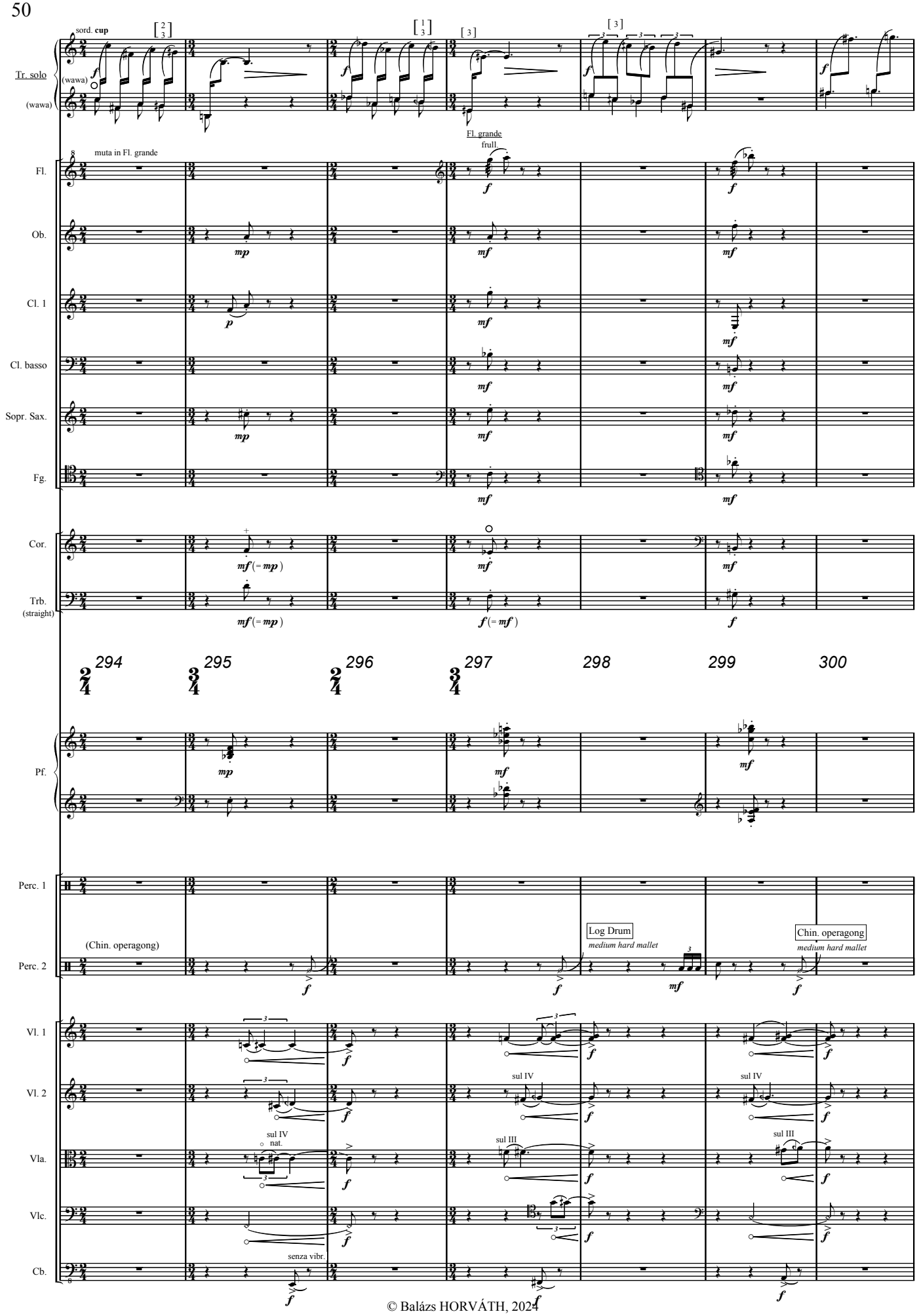

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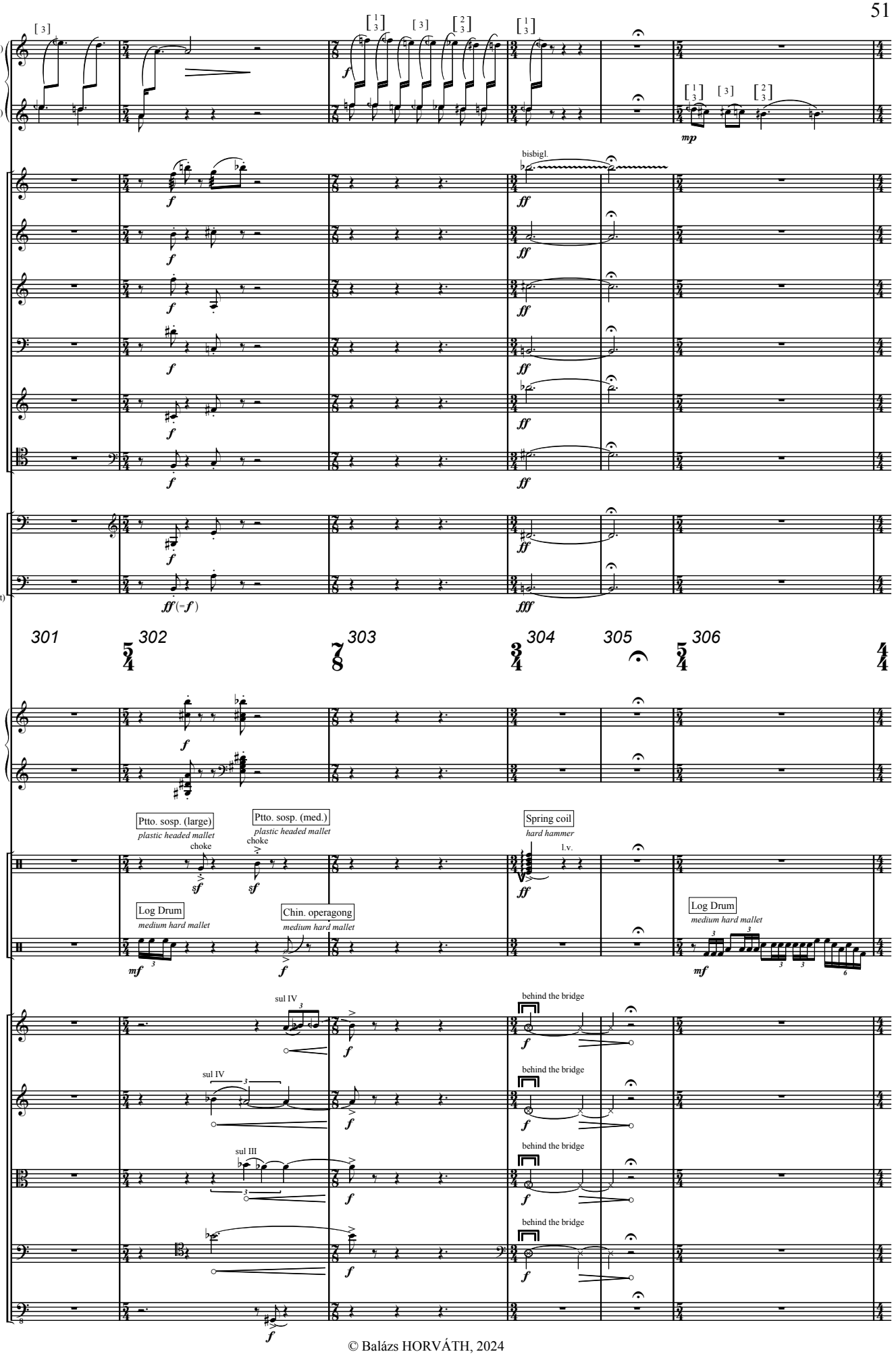

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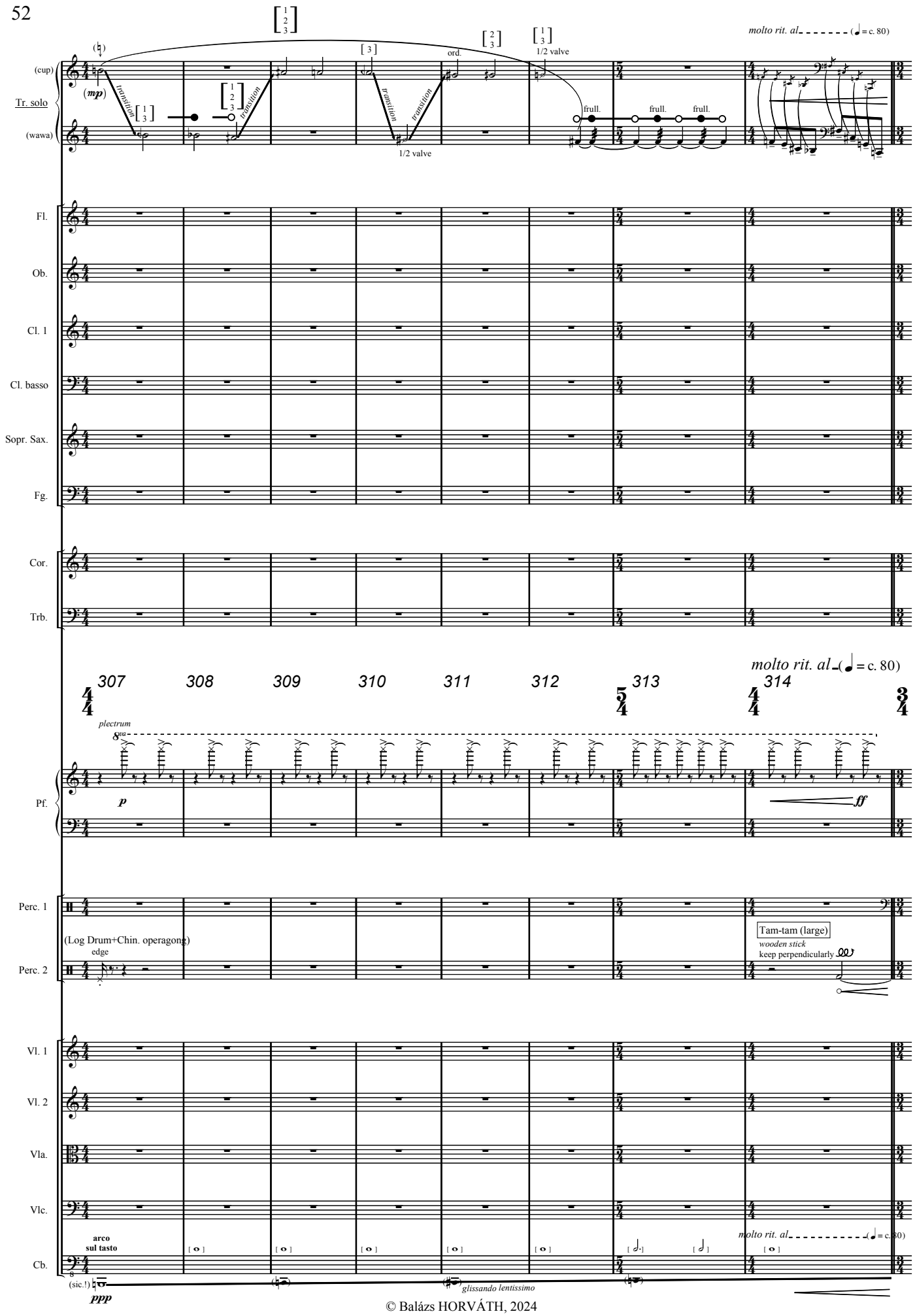

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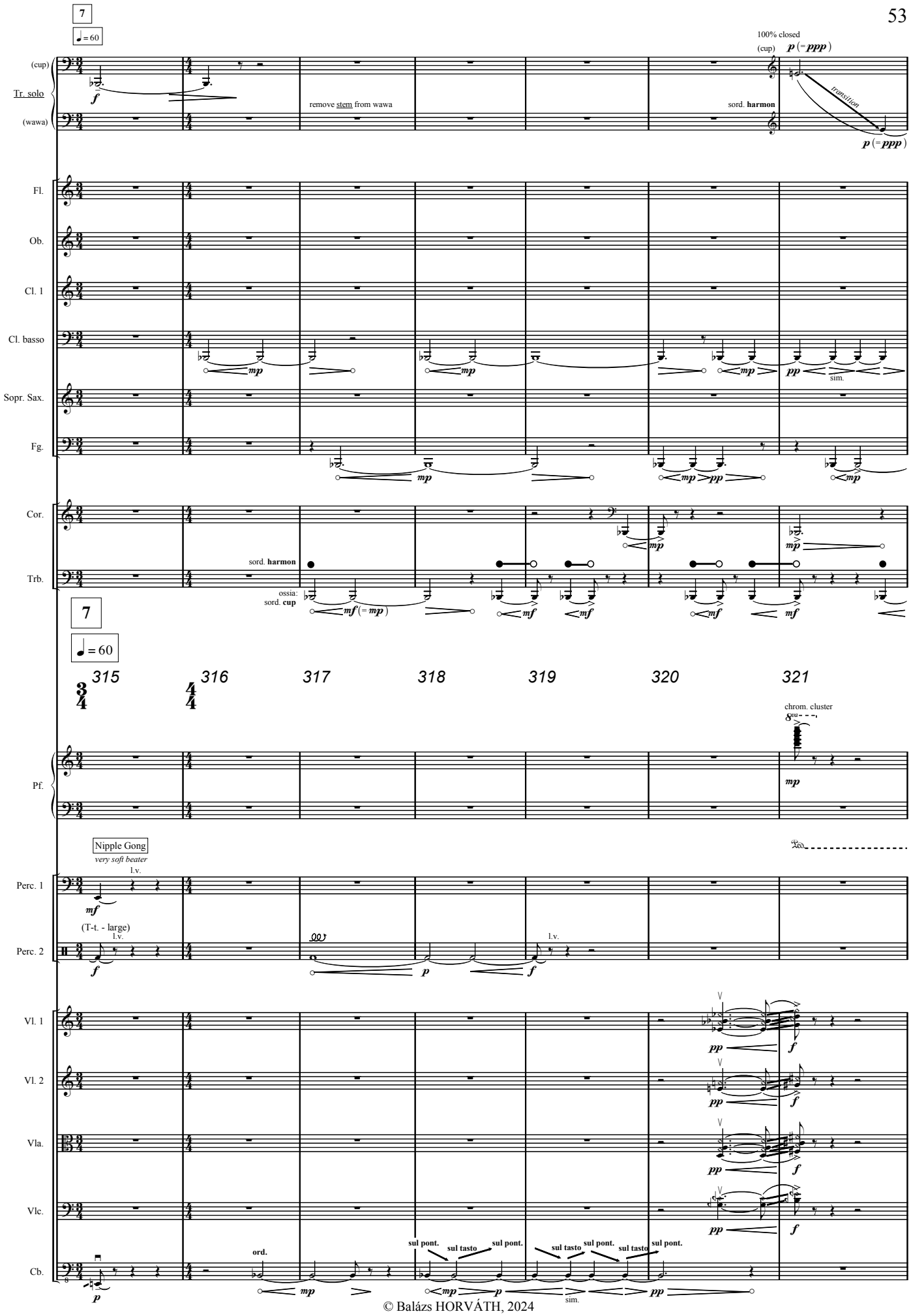

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Press the top tube valve very gently only the BORDERLINE of the timbre change.
Start slowly then accelerate as much as possible. The result will be similar to a timbral modulation.
Keep playing until the next rest. come prima

(cup)
Tr. solo
(harmon)
accel. sim. [3] sim. p transition p glissando sim. sim. sim. accel. p transition p sim.

Fl.
Ob.
Cl. 1
Cl. basso
pp sim. pp
muta in Cl. in Si♭
Sopr. Sax.
Fg.
insert a paper tube into the bassoon tube
mp mp

Cor.
mp p
con sord.
p (= pp)
Trb.
(harmon)
mf mf mf mf mf mf

322 323 324 325 326 327 328

Pf.
come prima
mp mp mp mp pp (loco!)
(Ped.)

G. C.
superball
Perc. 1
mp
(T-t. - large)
Perc. 2
pp mp f l.v.

Vl. 1
pp f
Vl. 2
pp f
Vla.
pp f
Vlc.
pp f
Cb.
sul pont. sul tasto sul pont. sul tasto sul pont. ord. sul pont.
pp mp sim. pp mp

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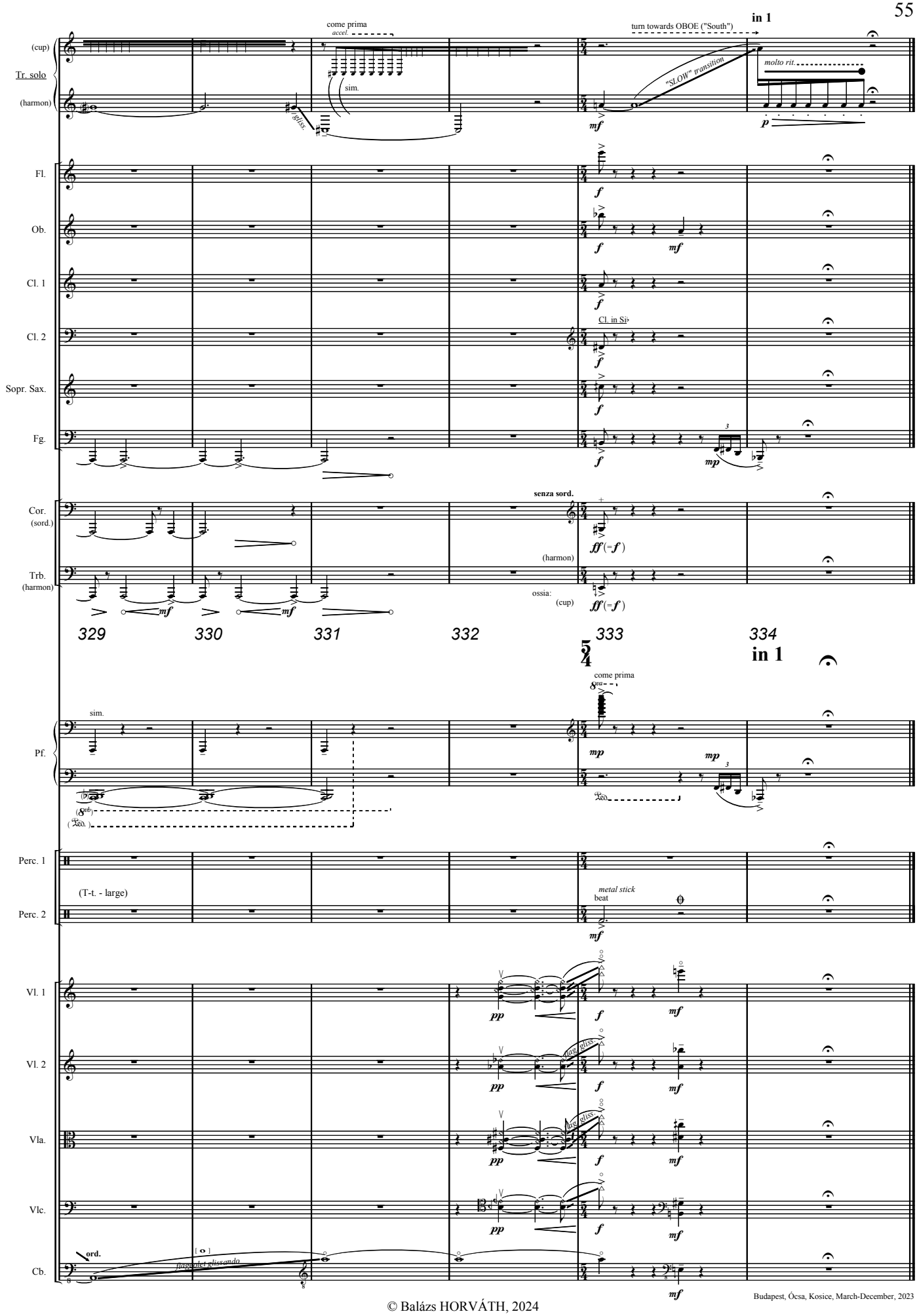

Budapest, Ócsa, Kosice, March-December, 2023

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