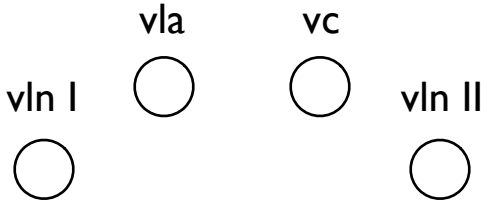
binary/momentary logics: flow state/joy state

commissioned by Spektral Quartet

Sam Pluta

Ensemble Setup and Symbol Explanation

ensemble setup:



xsp - extreme sul pont

sp - sul pont

Ⓝ - normalize bow position

ric (ind) - ricochet bowing independent of
of left hand fingering

bat - battuto

clb - col legno battuto

- exponential glissando

- exponential crescendo
(Lachenmann "yawp")

- approximate pitch (make it microtonal)

- note should be as short as possible

- overpressure

- overpressure

- circular bowing

- harmonic glissando in the low register
of the string with overpressure

- other side of the bridge

- lead voice

- secondary voice

microtones:

- eighth tone flat

- eighth tone sharp

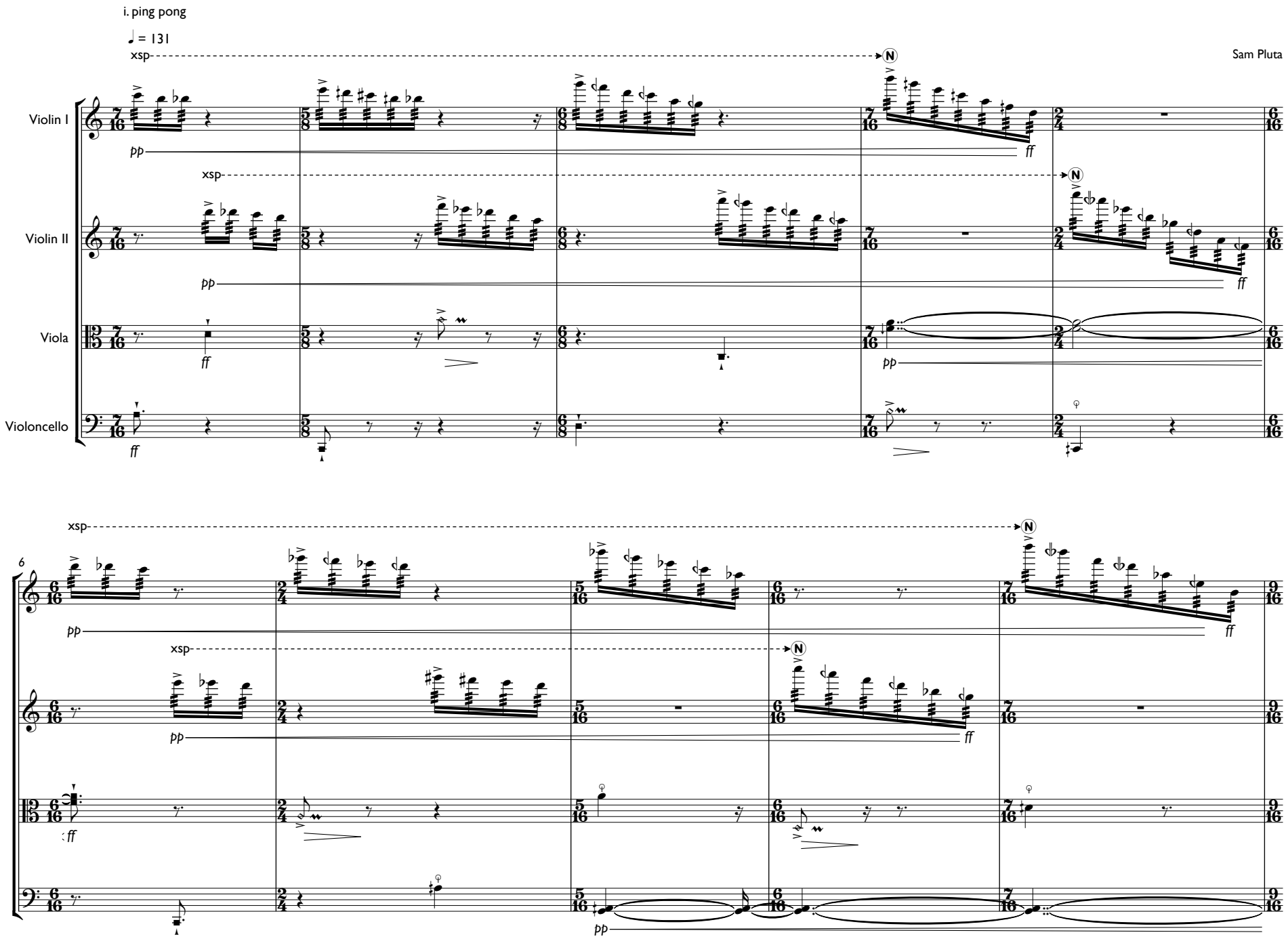
- quarter tone flat

- three quarter tones flat

- quarter tone sharp

- three quarter tones sharp

binary/momentary logics: flow state/joy state



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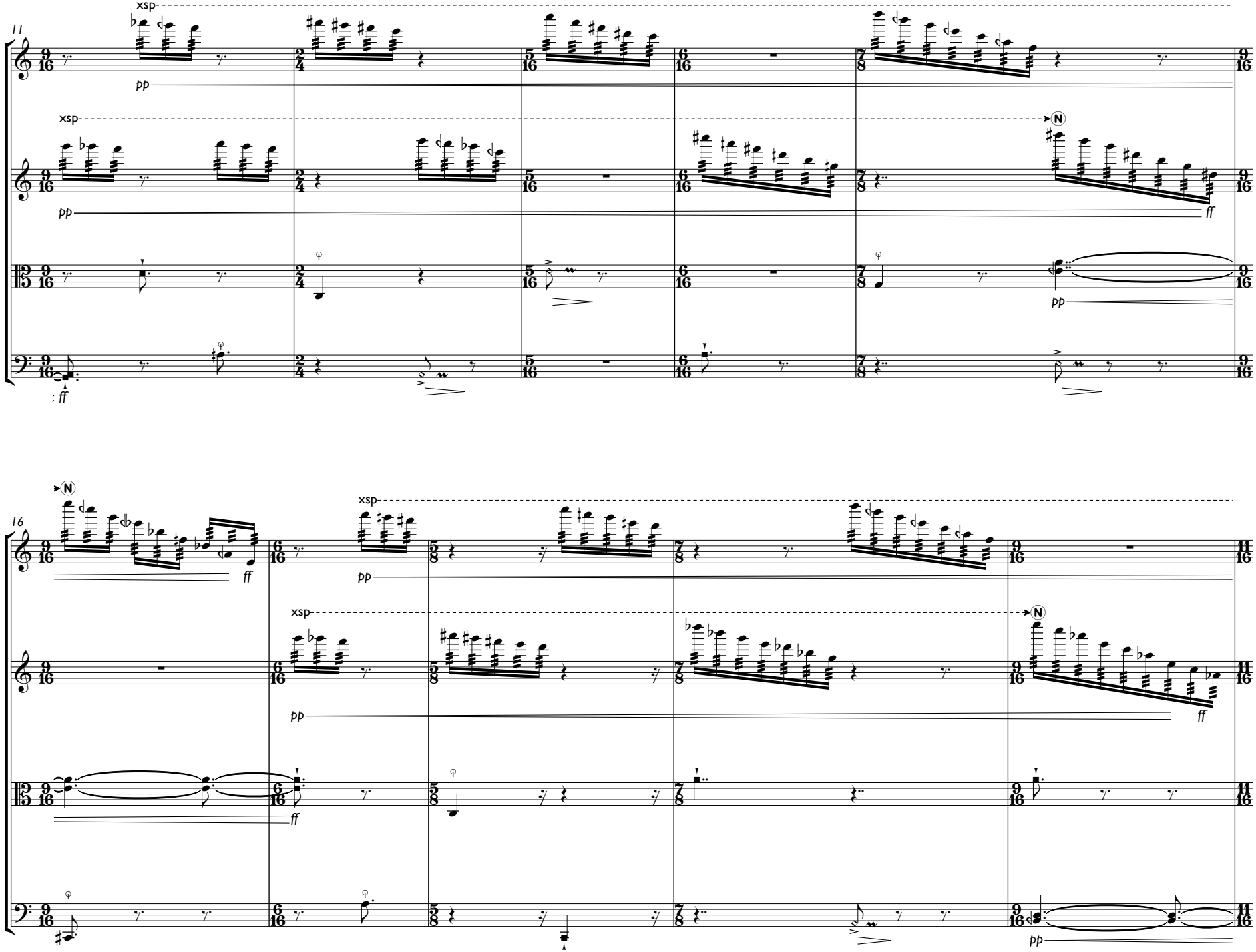
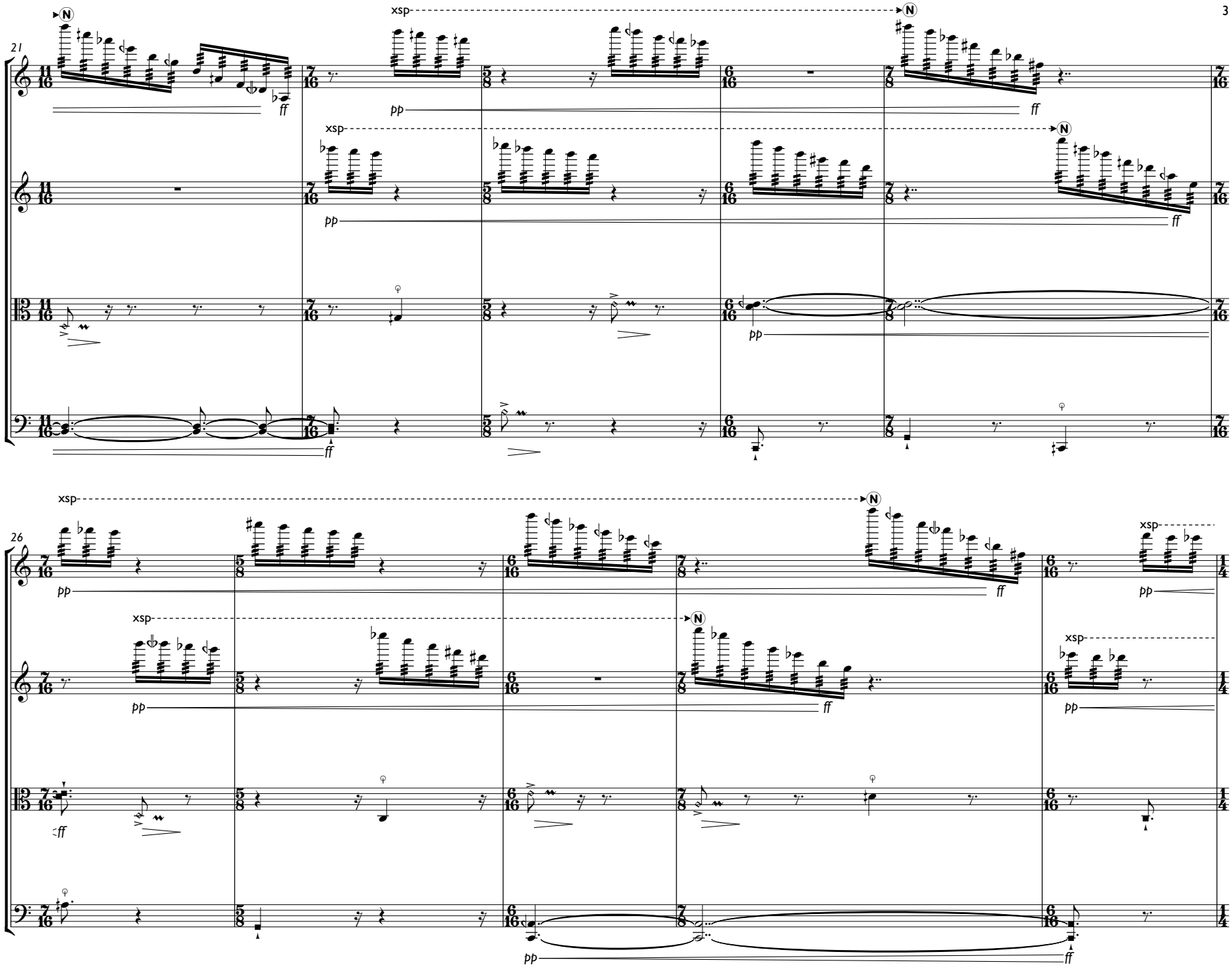
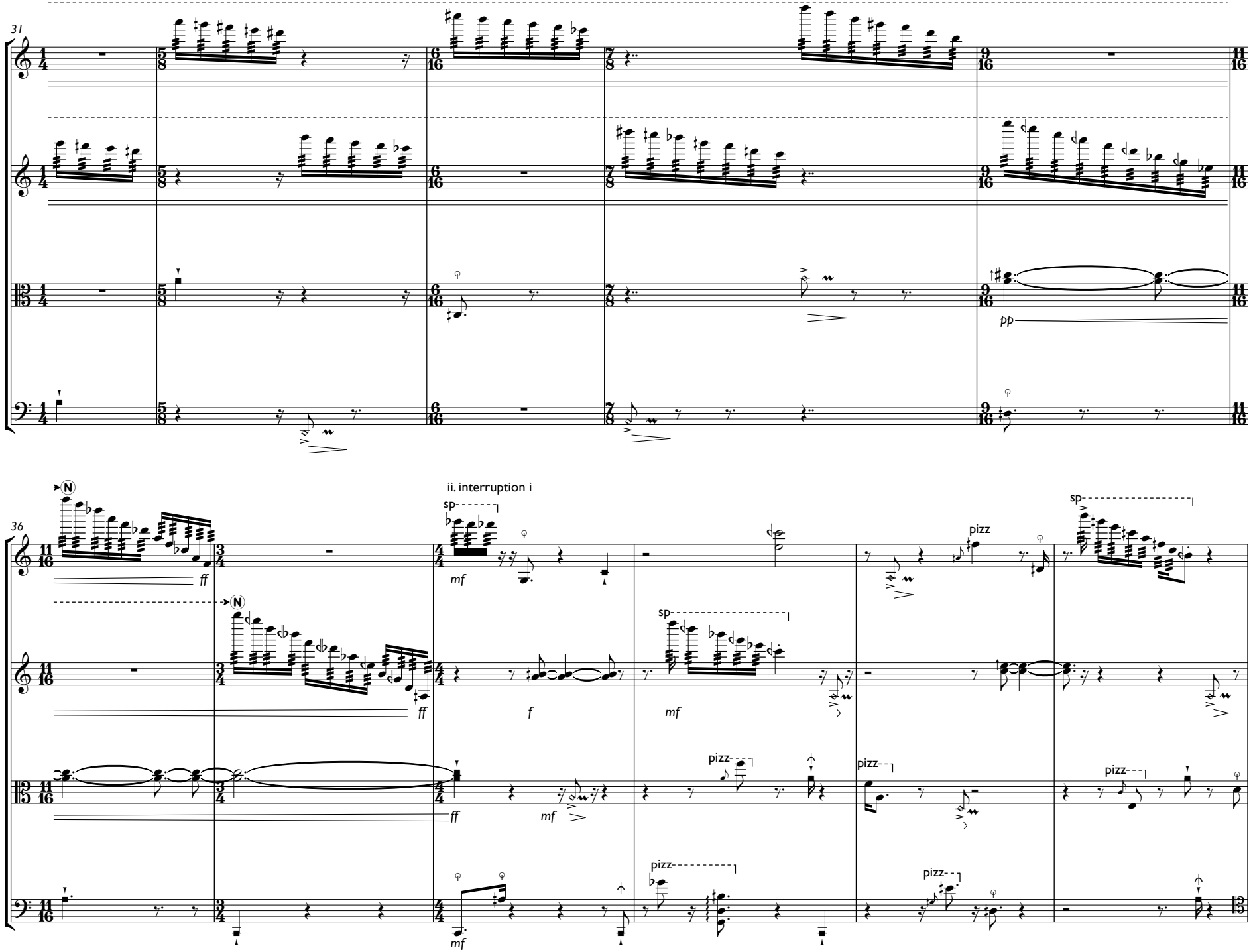
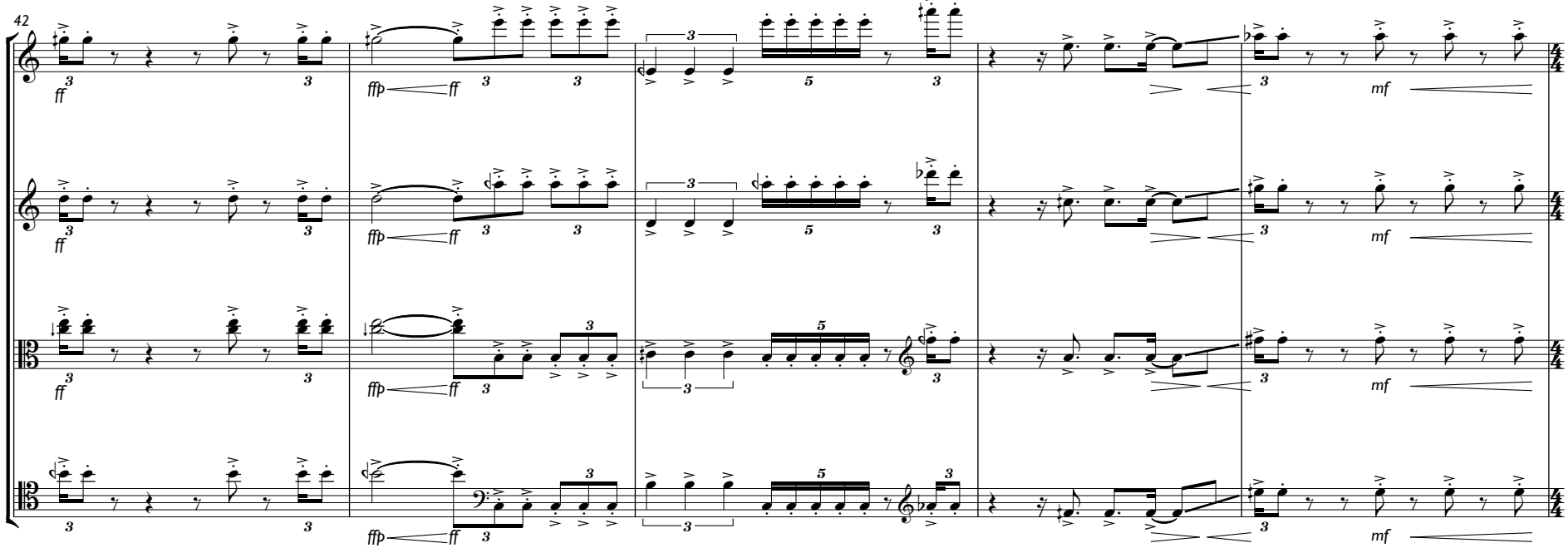

11
xsp
pp
xsp
N
pp
ff
pp
: ff
16
N
ff
xsp
pp
xsp
N
pp
ff
ff
pp

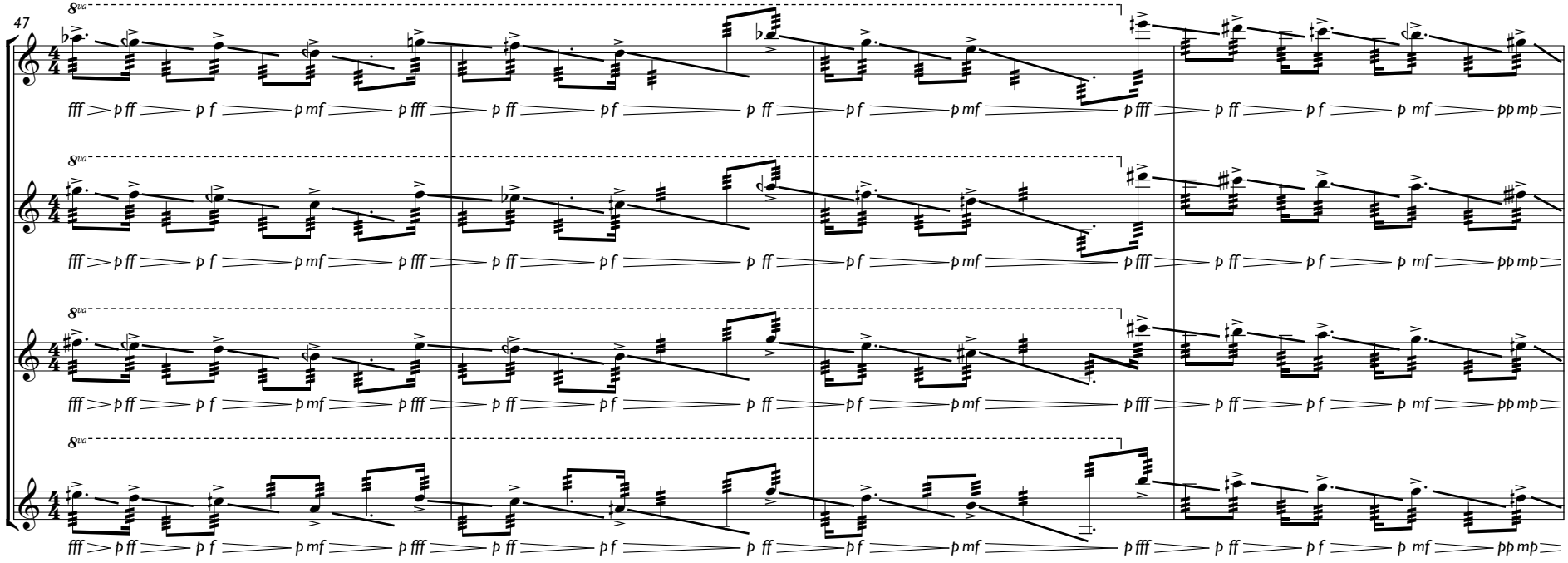

21
xsp
N
ff
pp
26
xsp
N
ff
pp

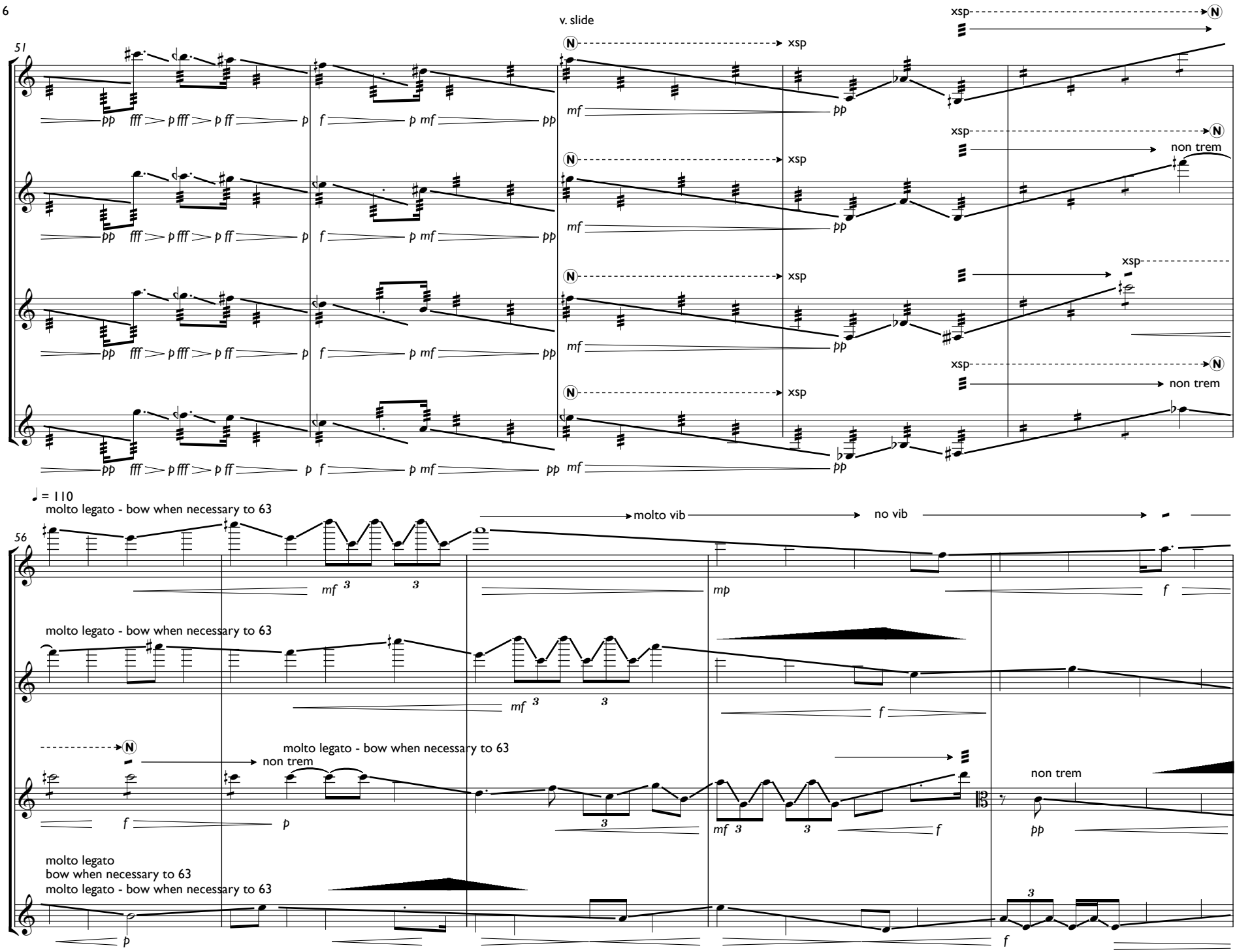

31
pp
36
ii. interruption i
sp
pizz
ff
mf
f

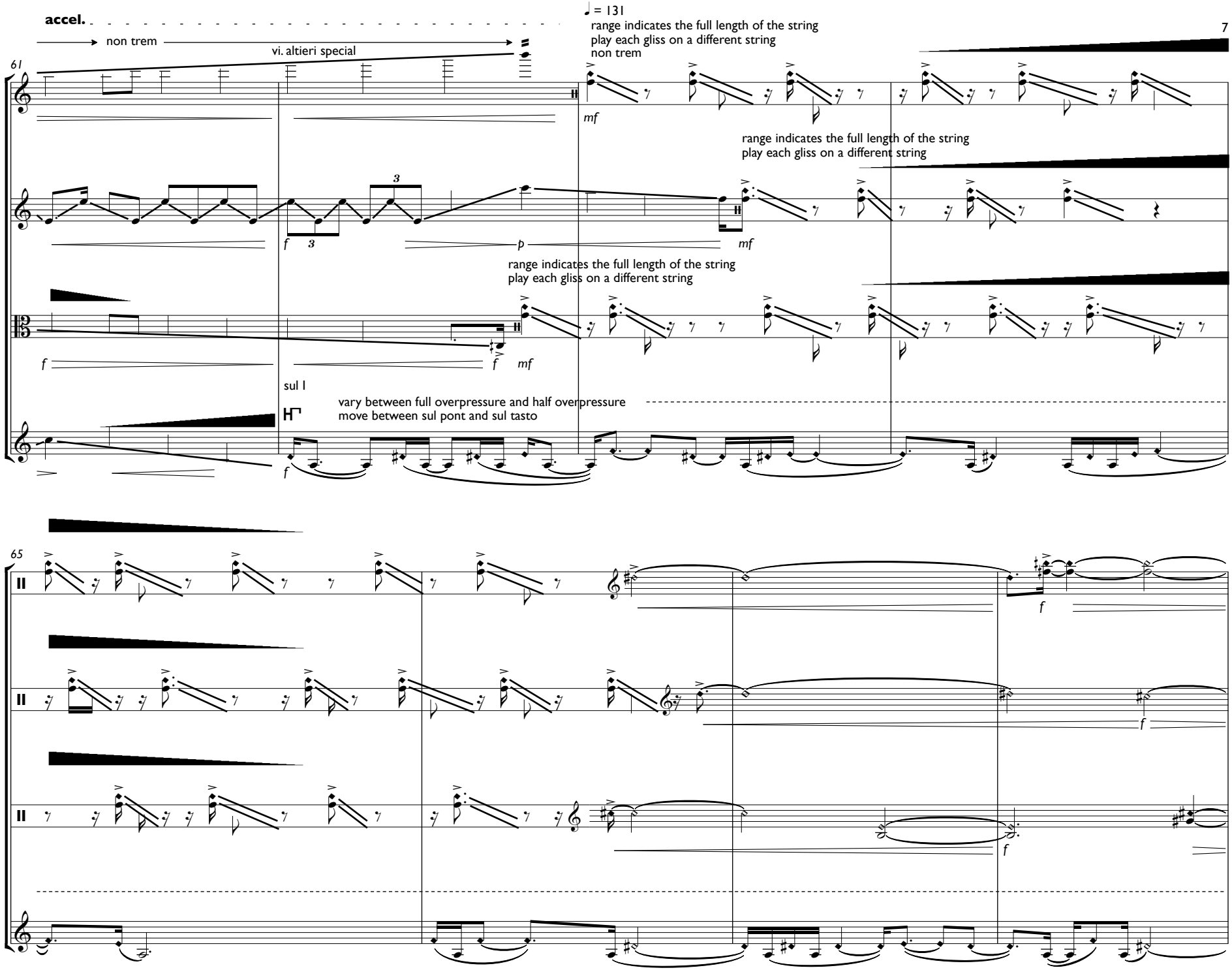
iii. bela i

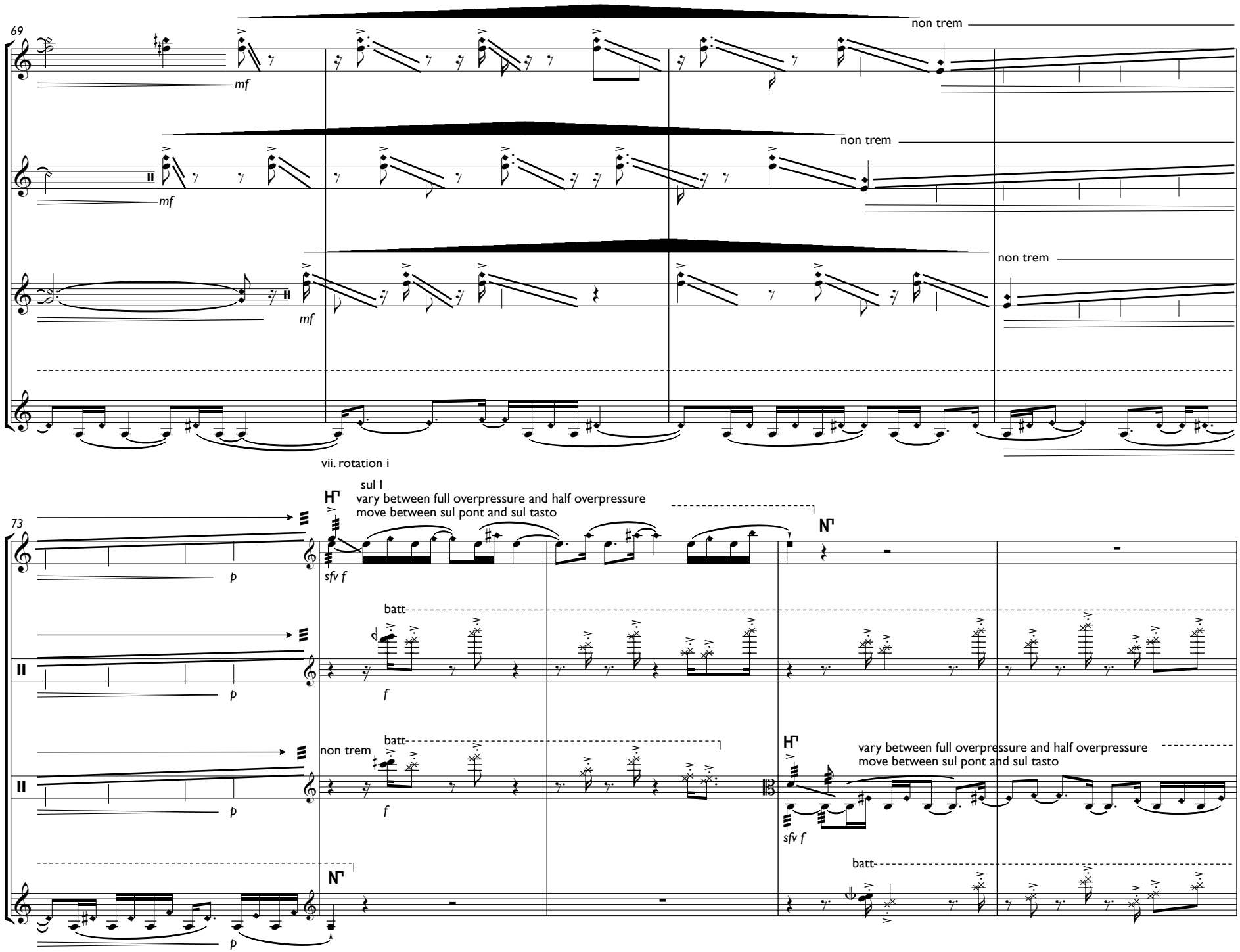


iv. freeze slide ping pong extension




51
v. slide
xsp
N
non trem
56
♩ = 110
molto legato - bow when necessary to 63
molto vib
no vib
molto legato
bow when necessary to 63

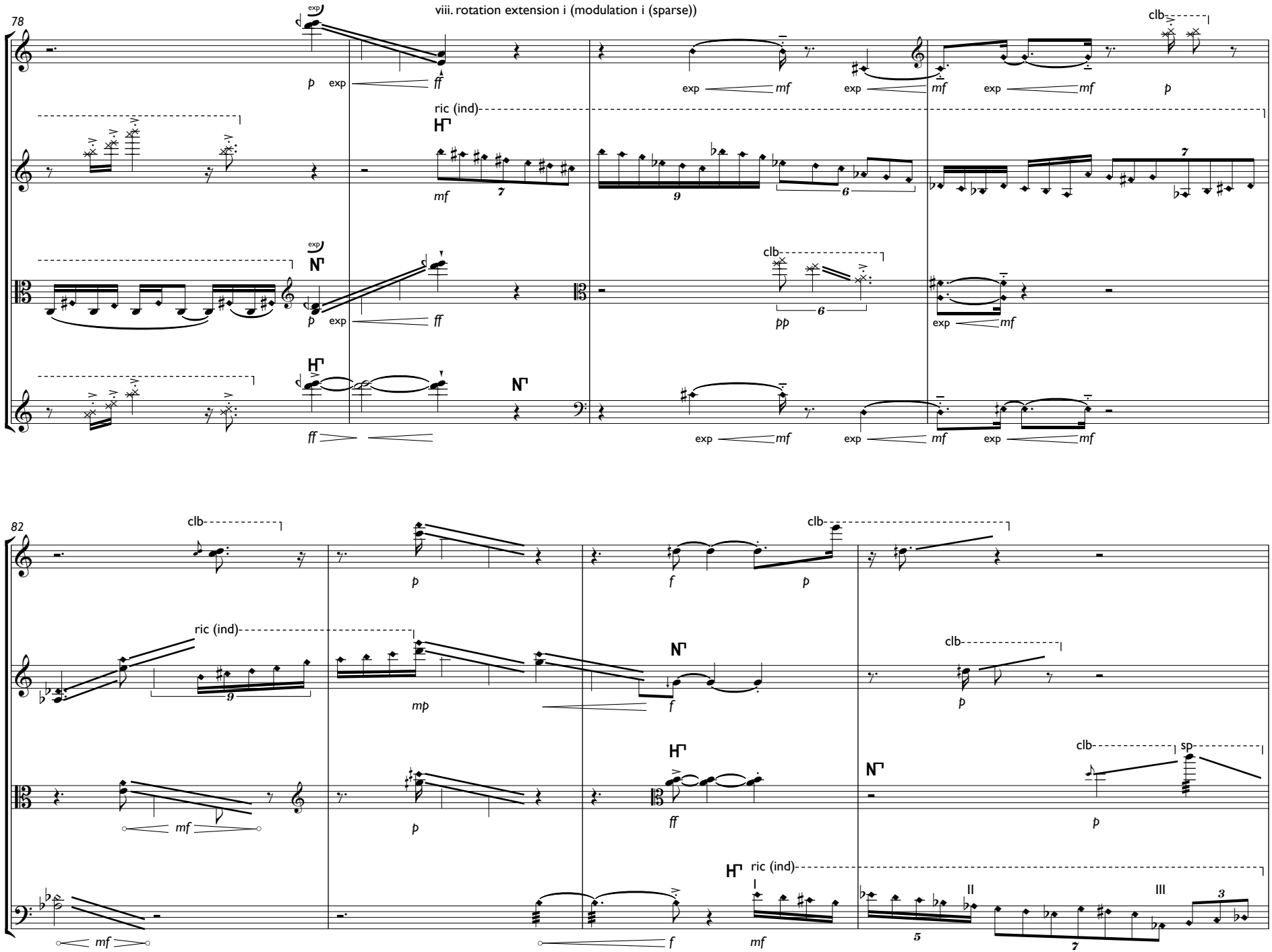

accel.
♩ = 131
non trem
vi. altieri special
61
range indicates the full length of the string
play each gliss on a different string
non trem
mf
range indicates the full length of the string
play each gliss on a different string
f
3
p
mf
range indicates the full length of the string
play each gliss on a different string
f
f
mf
sul I
vary between full overpressure and half overpressure
move between sul pont and sul tasto
f
65
f
f
f

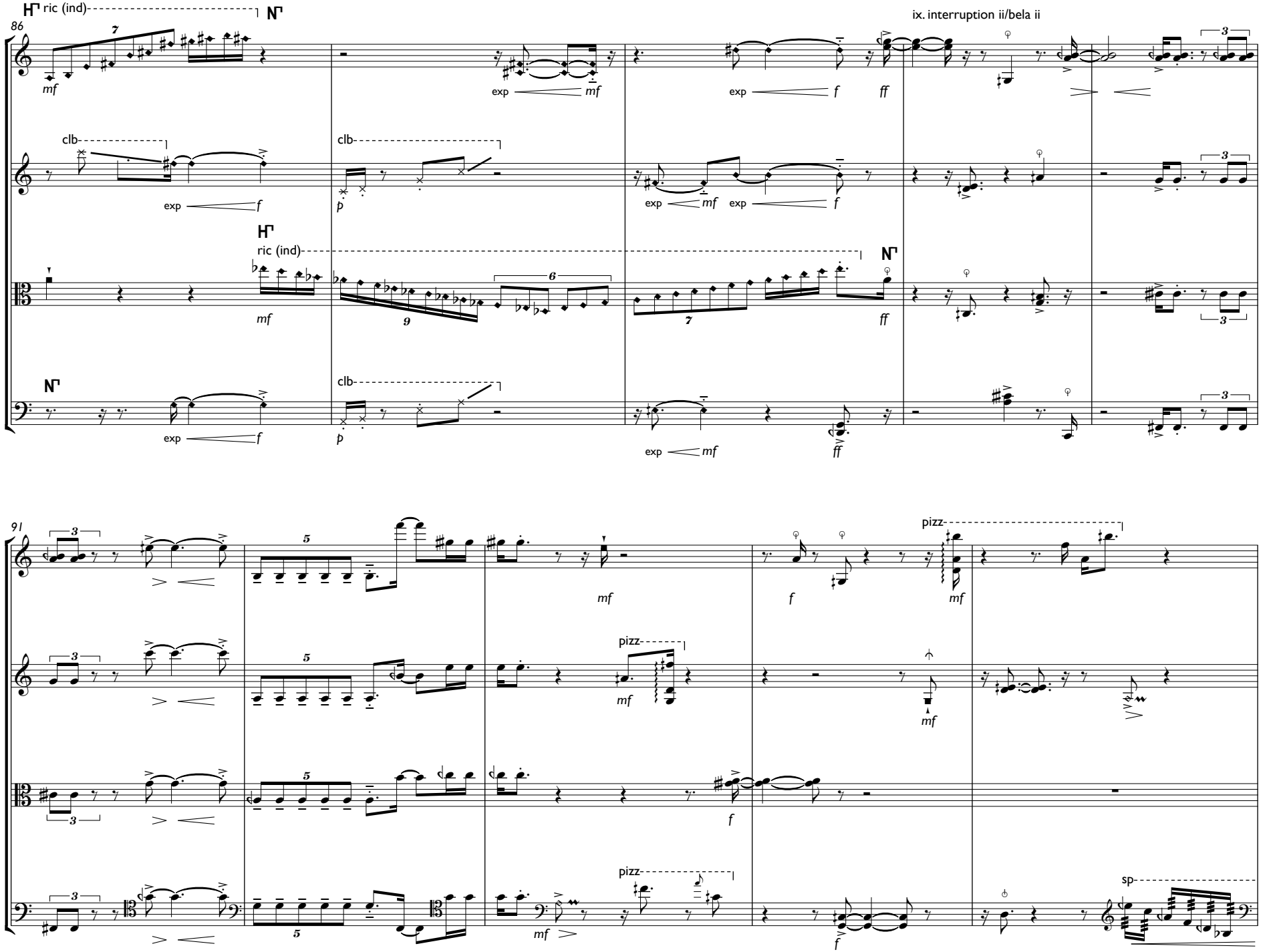

69
non trem
mf
non trem
mf
non trem
mf
vii. rotation i
73
sul I
vary between full overpressure and half overpressure
move between sul pont and sul tasto
sfv f
p
batt
f
non trem
vary between full overpressure and half overpressure
move between sul pont and sul tasto

viii. rotation extension i (modulation i (sparse))

78

82




ric (ind)
ix. interruption ii/bela ii
clb
pizz
sp

x. modulation ii
(smooth)

96

all players bowing in unison
non trem

ff p f

mf p f

ff p f

ff p f

xi. rotation extension ii (this one goes to xi)

103

mf

clb

p

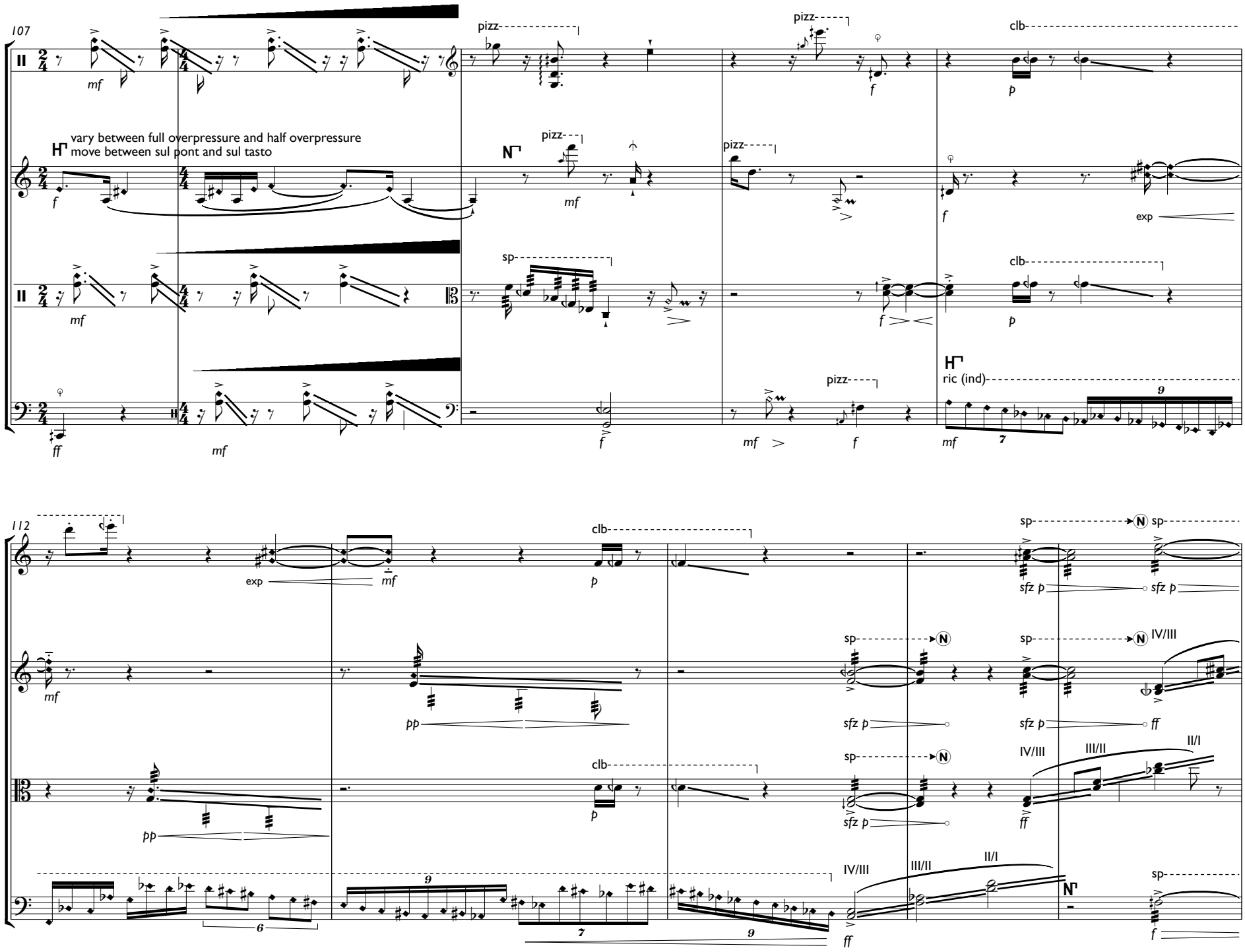
xsp

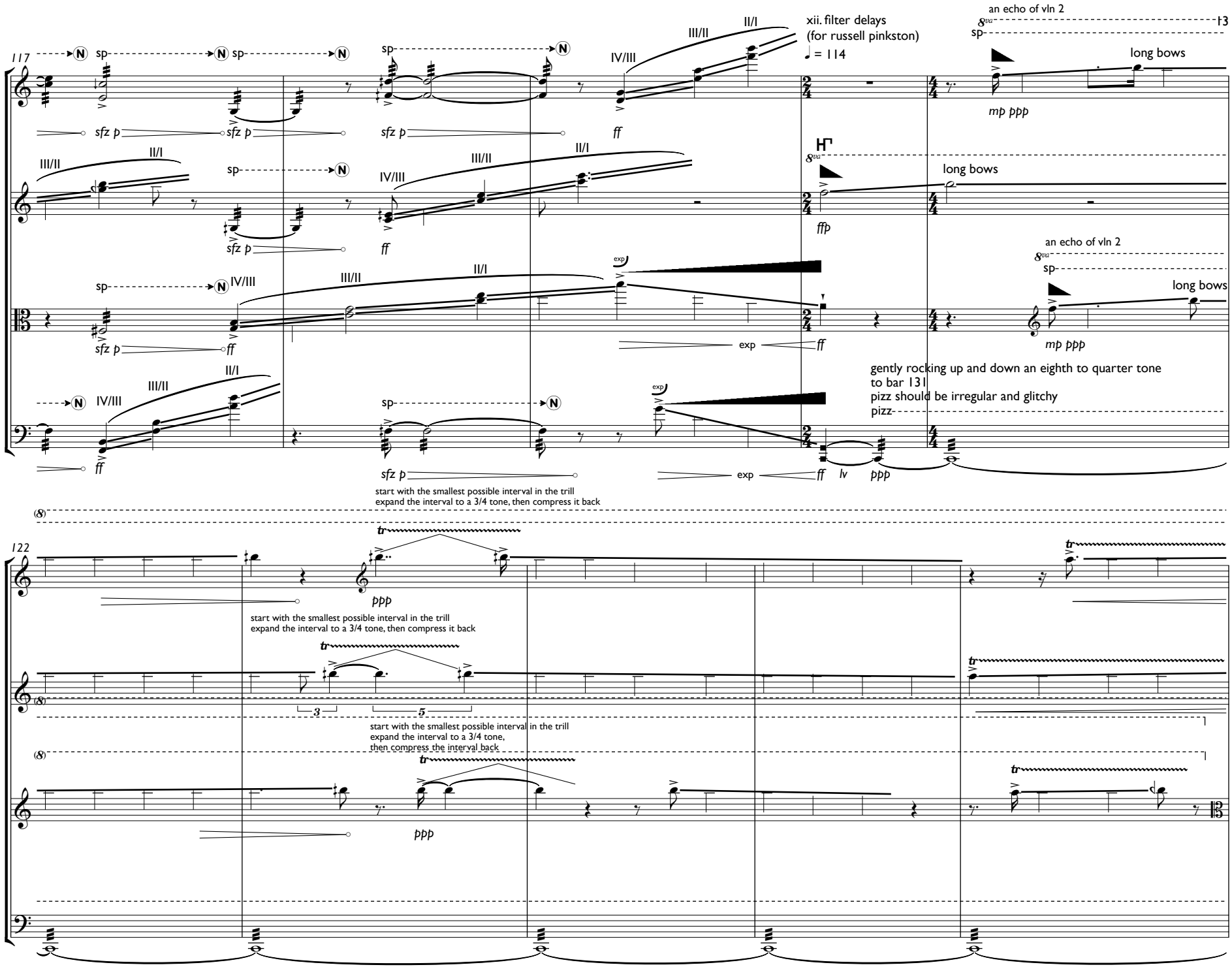
non trem

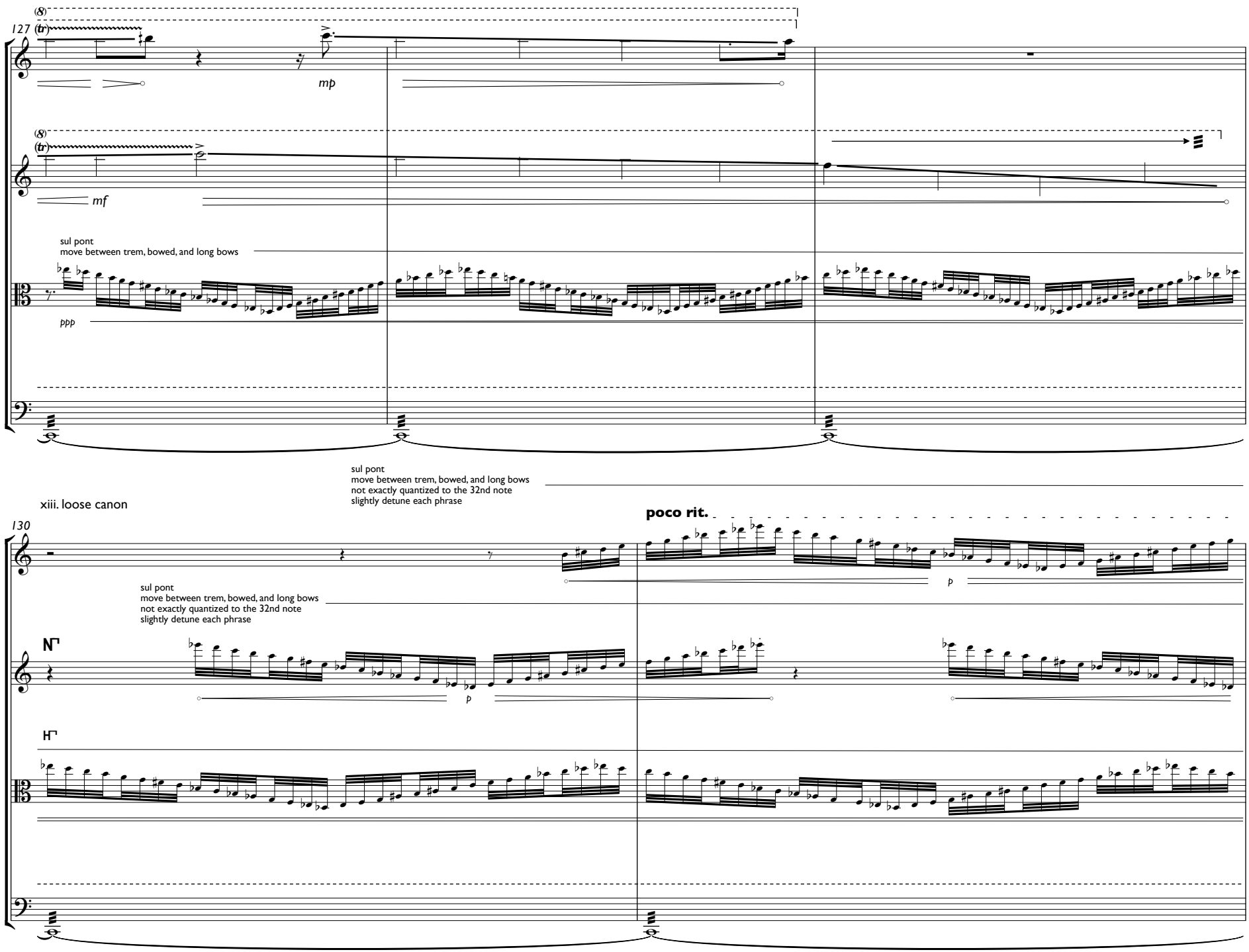
p

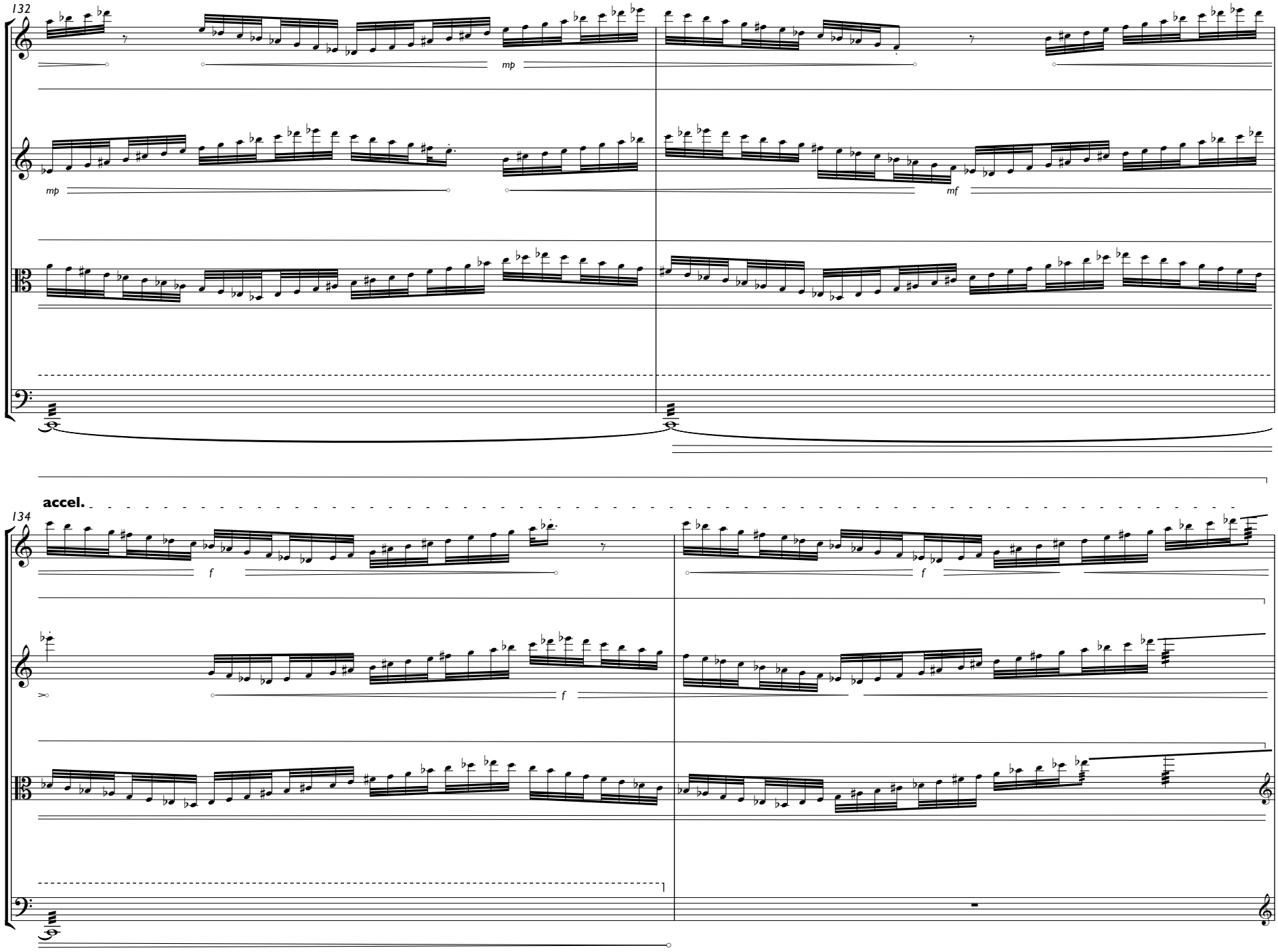
- 5 seconds

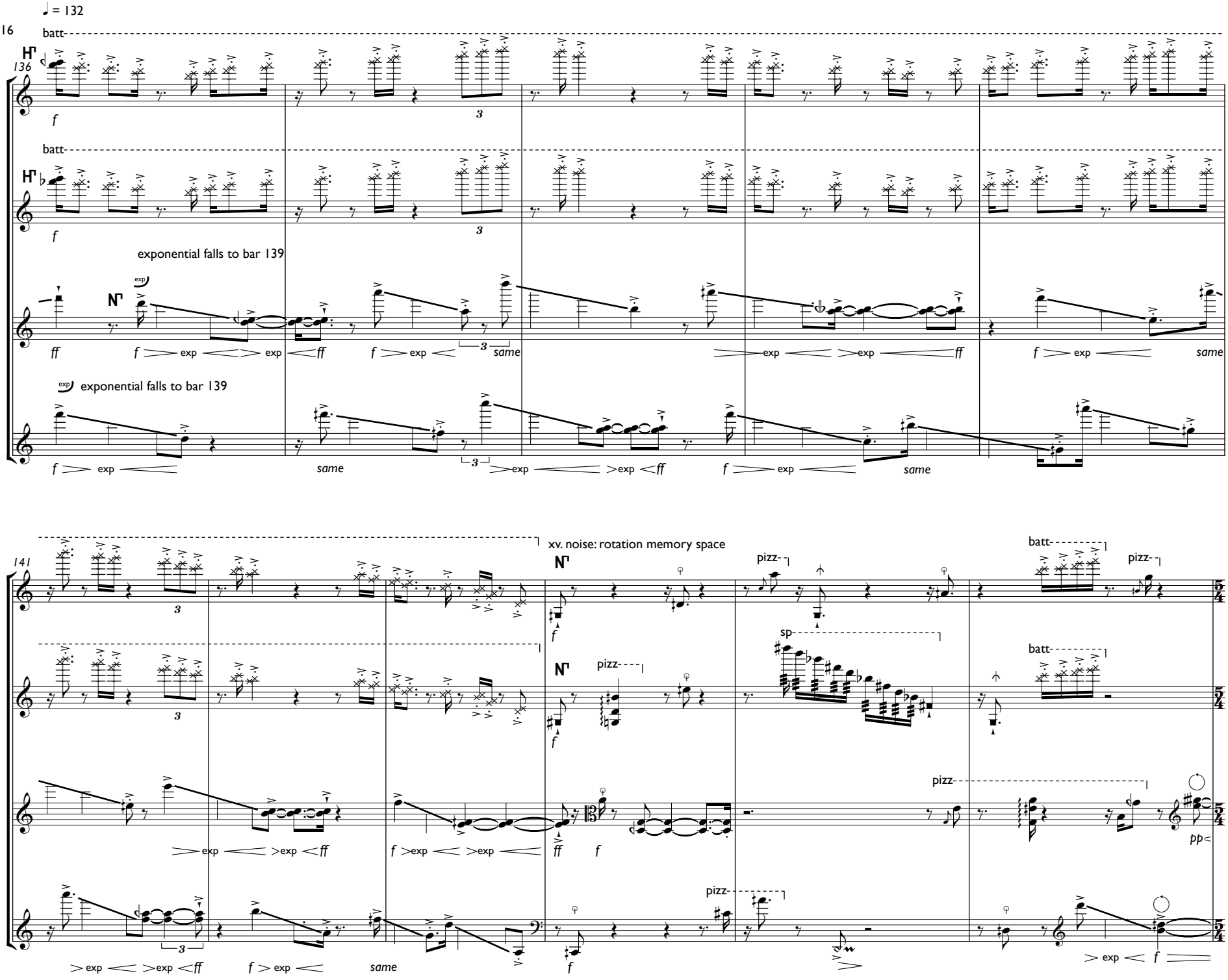
all players
cloud of col legno battuto
single attacks - not ricochet
1-4 attacks per second
all strings - all left hand fingerings
all bow positions

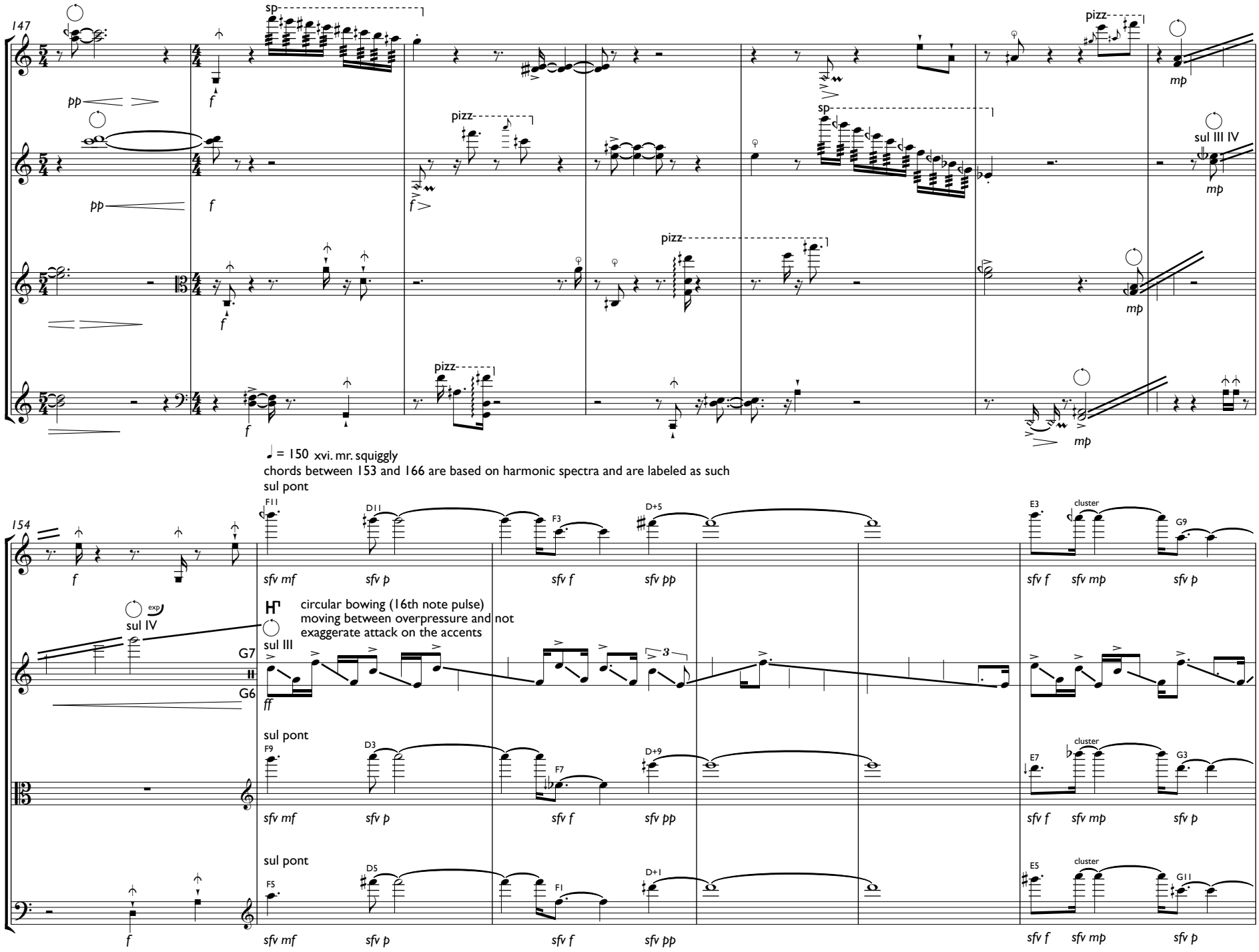

107
vary between full overpressure and half overpressure
move between sul pont and sul tasto
pizz
clb
sp
exp
ric (ind)
112
sfz p
IV/III
III/II
II/I


117
xii. filter delays
(for russell pinkston)
♩ = 114
an echo of vln 2
sp
long bows
mp ppp
ffp
gently rocking up and down an eighth to quarter tone
to bar 131
pizz should be irregular and glitchy
pizz
start with the smallest possible interval in the trill
expand the interval to a 3/4 tone, then compress it back
122
ppp
start with the smallest possible interval in the trill
expand the interval to a 3/4 tone,
then compress the interval back

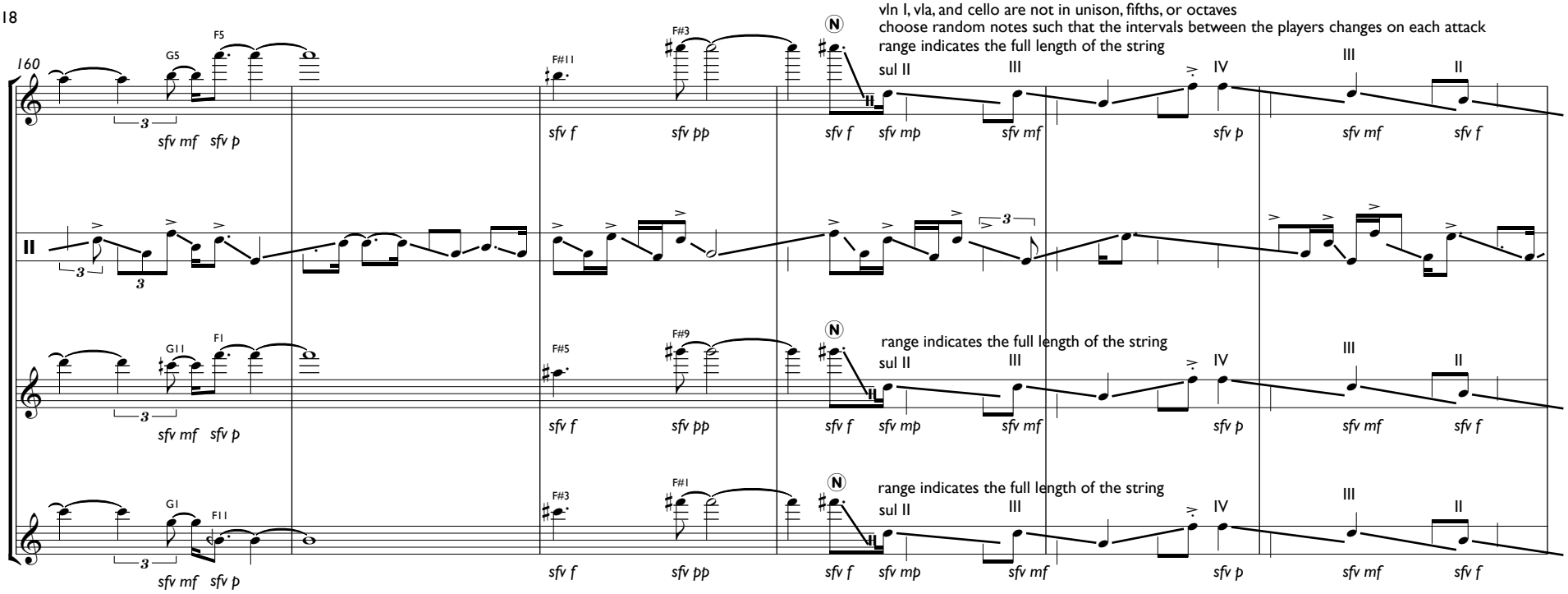

127
(8)
(tr)
mp
(8)
(tr)
mf
sul pont
move between trem, bowed, and long bows
ppp
xiii. loose canon
sul pont
move between trem, bowed, and long bows
not exactly quantized to the 32nd note
slightly detune each phrase
130
poco rit.
p
sul pont
move between trem, bowed, and long bows
not exactly quantized to the 32nd note
slightly detune each phrase
N
p
H

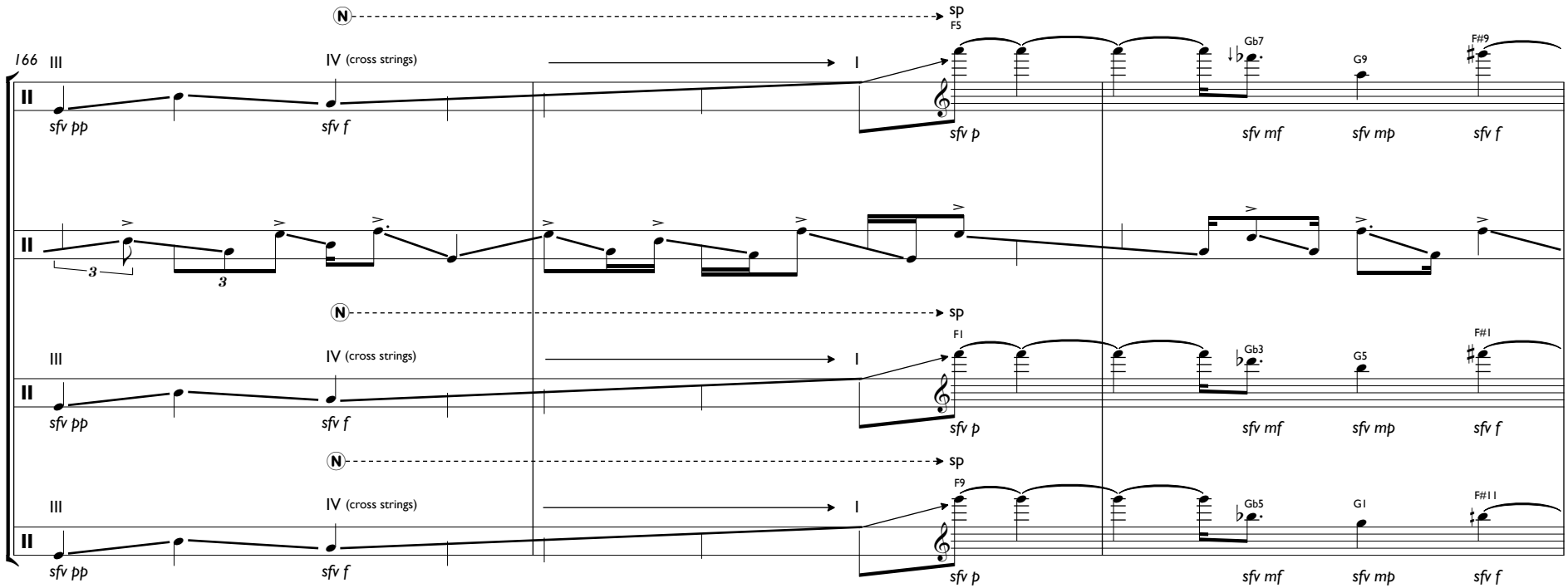

132
mp
mp
mf
accel.
134
f
f
f

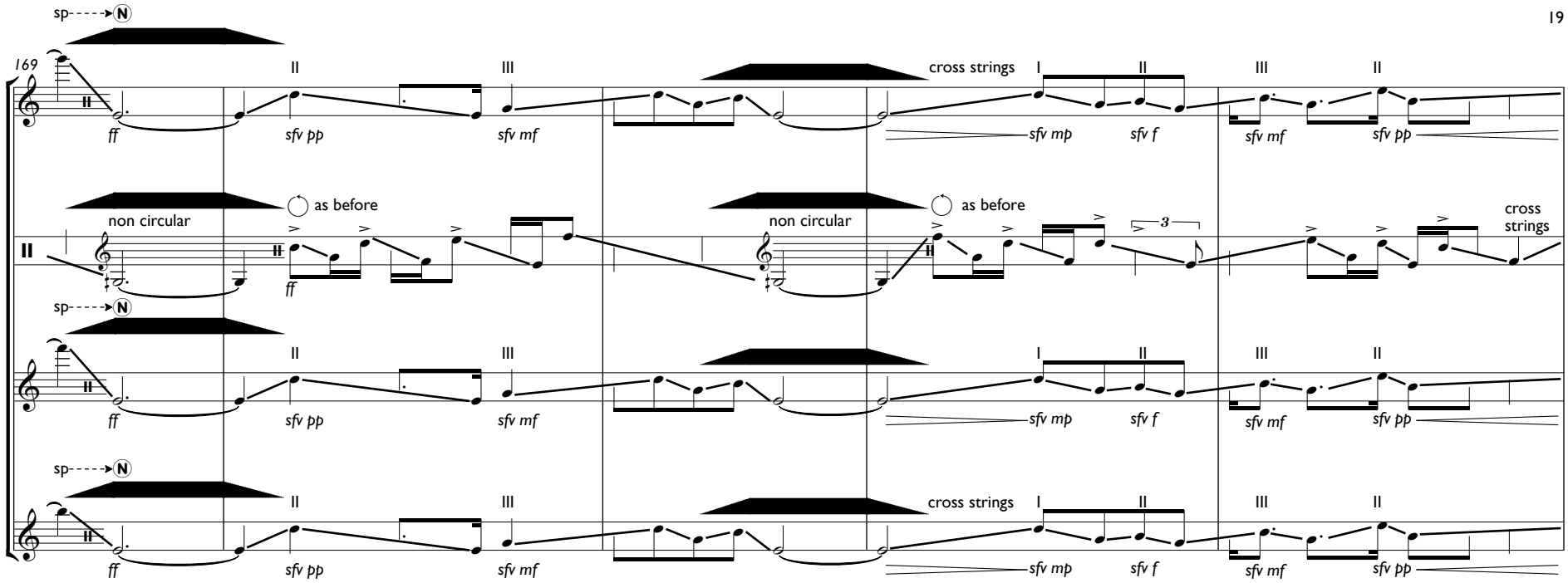

♩ = 132
batt
136
exponential falls to bar 139
exponential falls to bar 139
same
141
xv. noise: rotation memory space
pizz
sp
batt
pp


147
sp
pizz
mp
pp
f
sul III IV
154
♩ = 150 xvi. mr. squiggly
chords between 153 and 166 are based on harmonic spectra and are labeled as such
sul pont
exp
sul IV
circular bowing (16th note pulse)
moving between overpressure and not
exaggerate attack on the accents
sul III
G7
G6
ff
cluster
sfv mf
sfv p
sfv f
sfv pp
sfv mp

xvii. mr. squiggly interrupt loop
vln I, vla, and cello are not in unison, fifths, or octaves
choose random notes such that the intervals between the players changes on each attack
range indicates the full length of the string

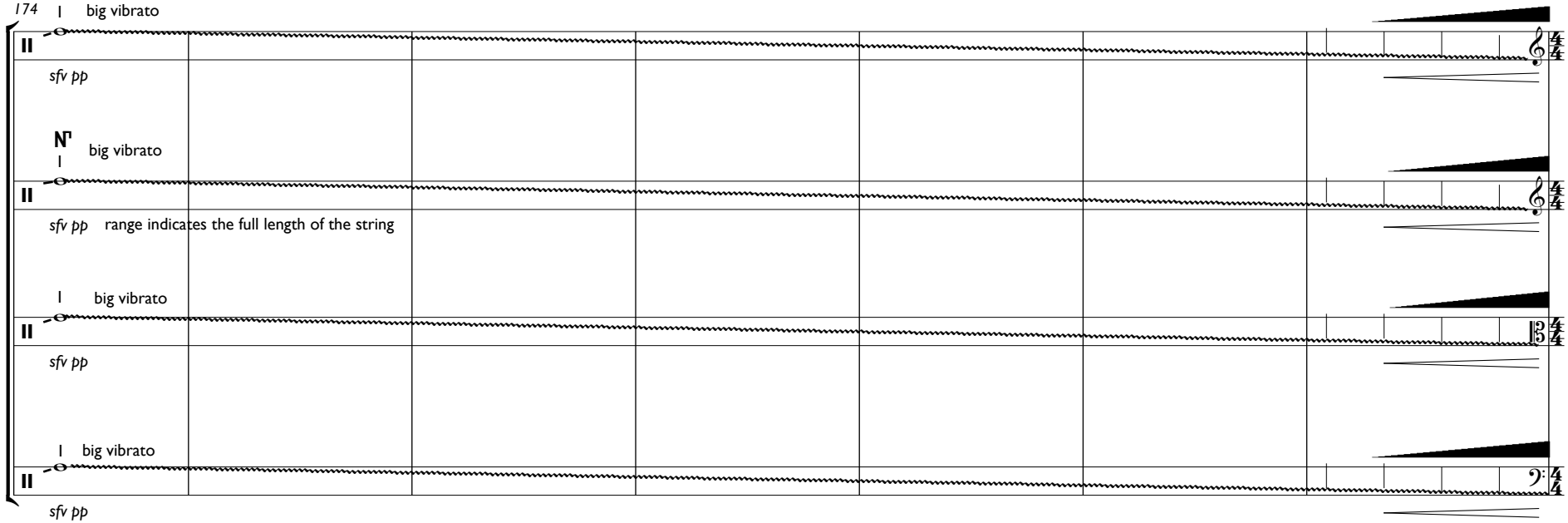






xviii. big vib

♩ = 60



xix altieri unision special

♩ = 131

181

sp N N sp N sp N

ff

xx. double duo

187

ric (ind)

f

Vln I and II are independent of Vla and Vc
In close canon with each other, not rhythmic unison
Use each fermatta to switch who is in the lead of the canon
Due to the bowing technique, each player will sound different from the other

N sp

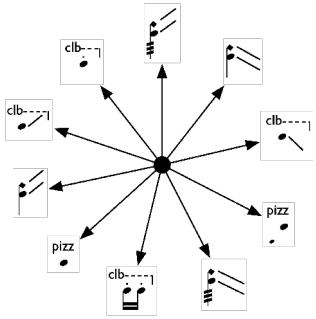
186

ric (ind)

ric (ind)

ric (ind)

ric (ind)



react to the material in the violins with the given sounds
dynamic level should match or exceed that of the violins, popping out of the texture
create a texture behind the duo similar to earlier sections in the music
react to loud sounds in the violins with microtonal double stops

187

ric (ind)

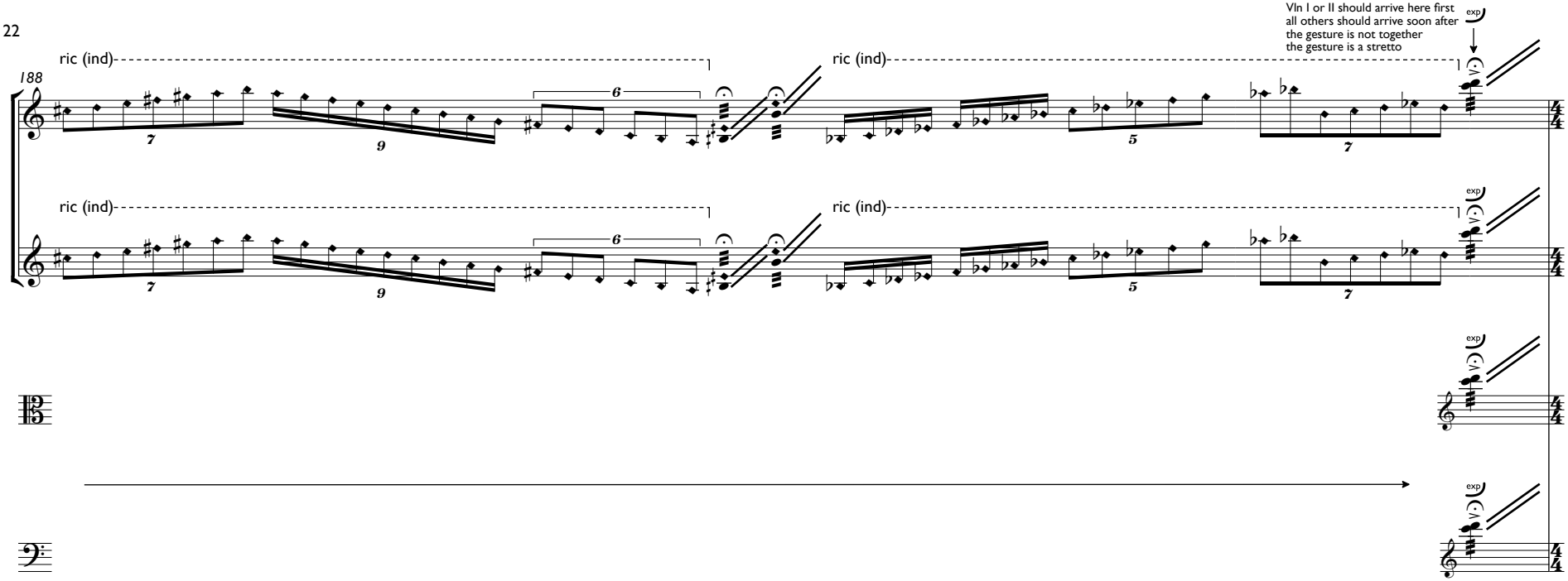
ric (ind)

ric (ind)

ric (ind)

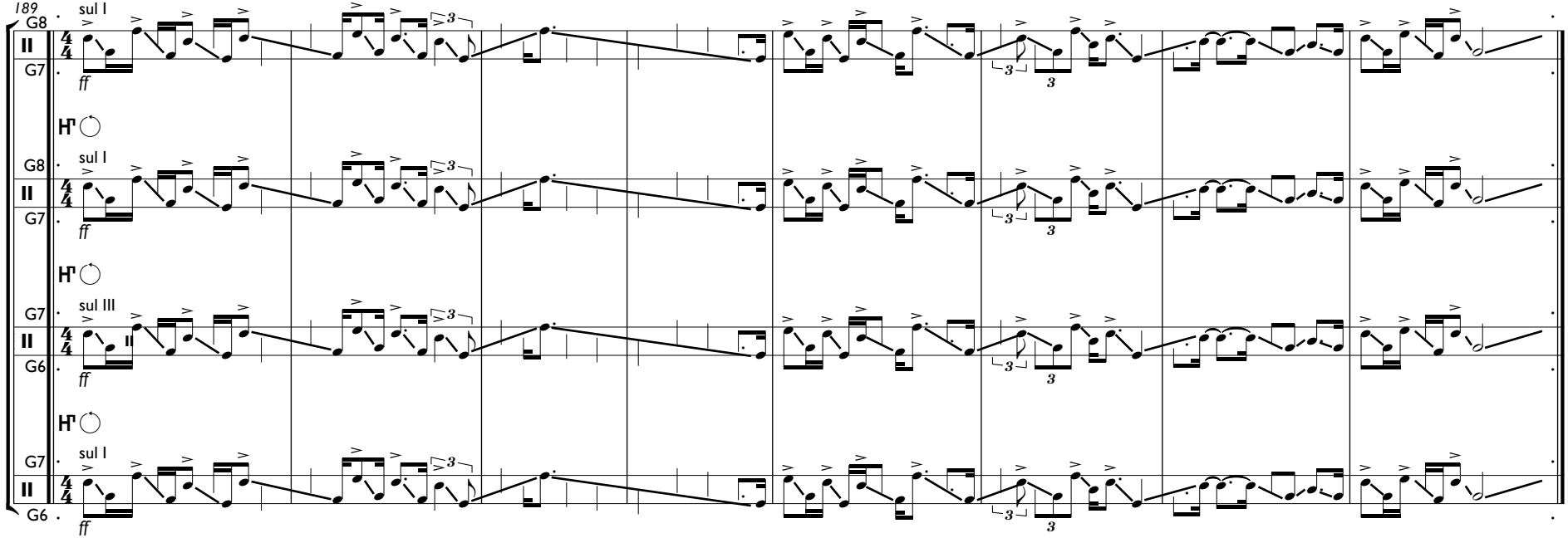
Glissing diad is the cue for everyone to move on

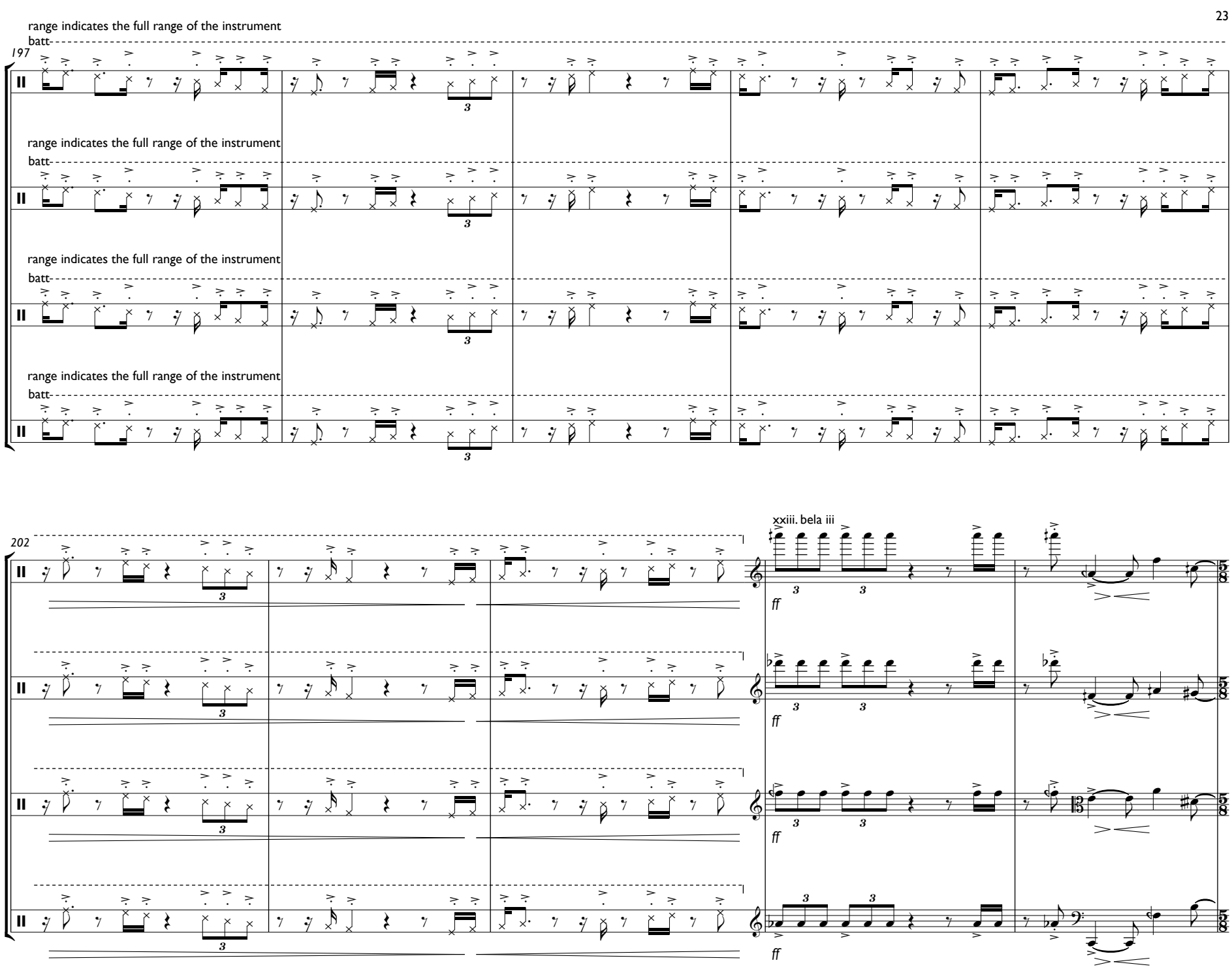
Vln I or II should arrive here first
all others should arrive soon after
the gesture is not together
the gesture is a stretto

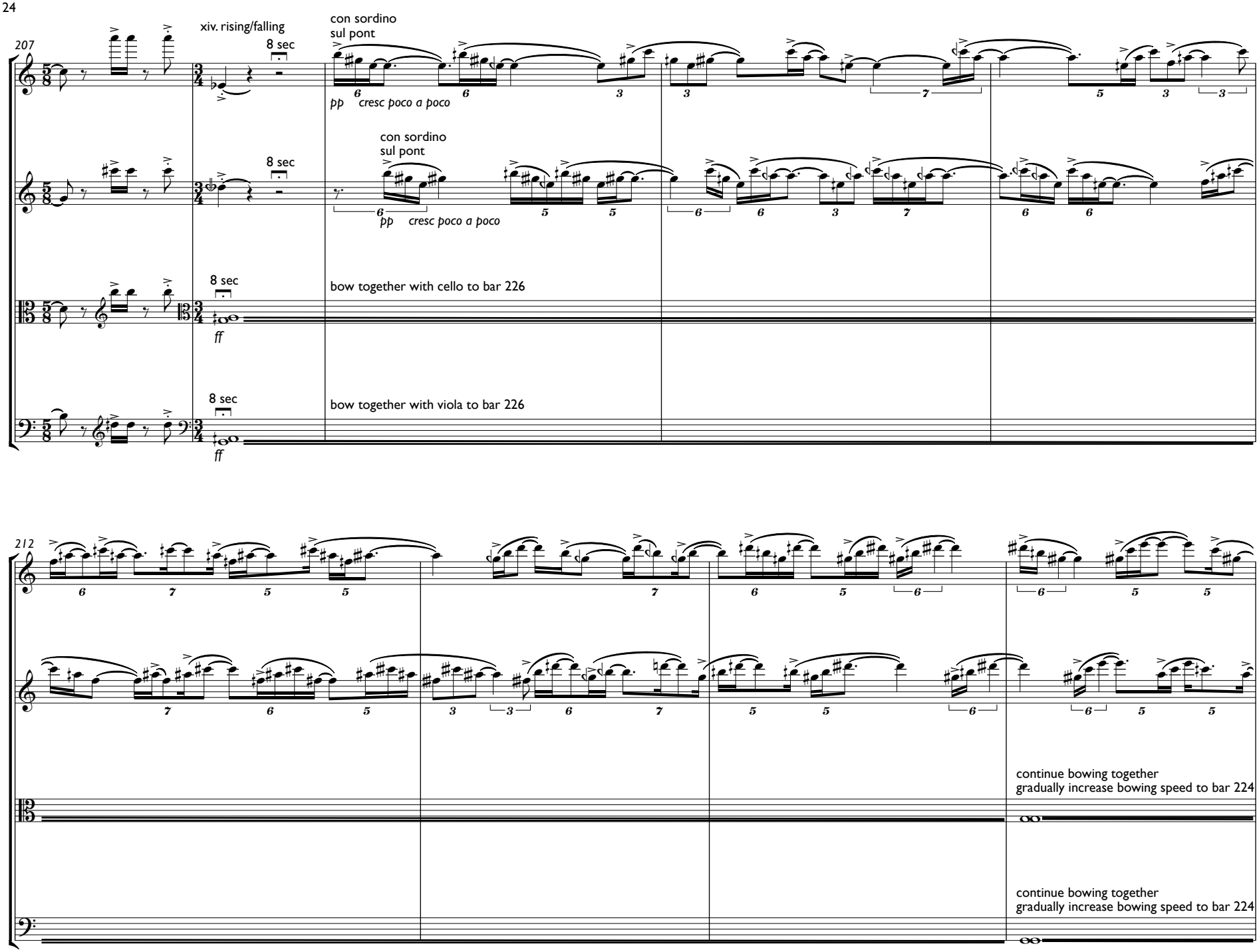


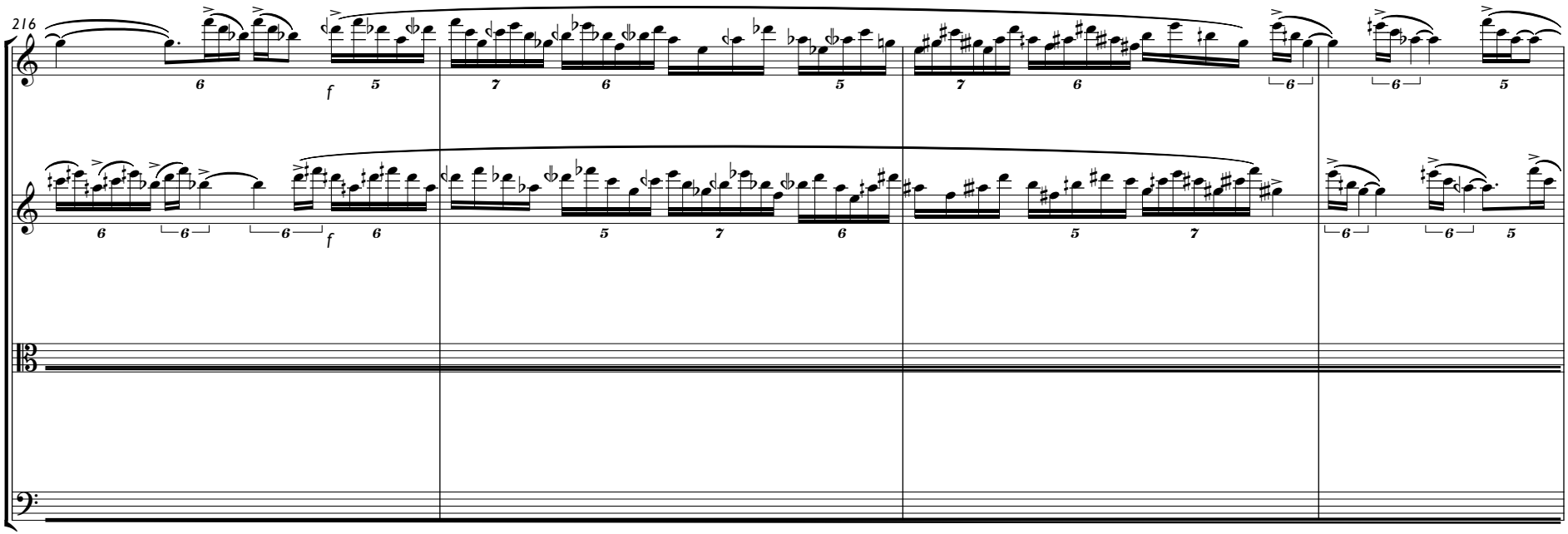
xxi. professor
dr. squiggly, dma

circular bowing (16th note pulse)
moving between overpressure and not
exaggerate the accents (the pitch should be apparent on the accents)
all notes are between G6 and G7 (vc/vla) or G7 and G8 (vln i + ii)
players are not in rhythmic unison, but in canon
section lasts for an indeterminate amount of time

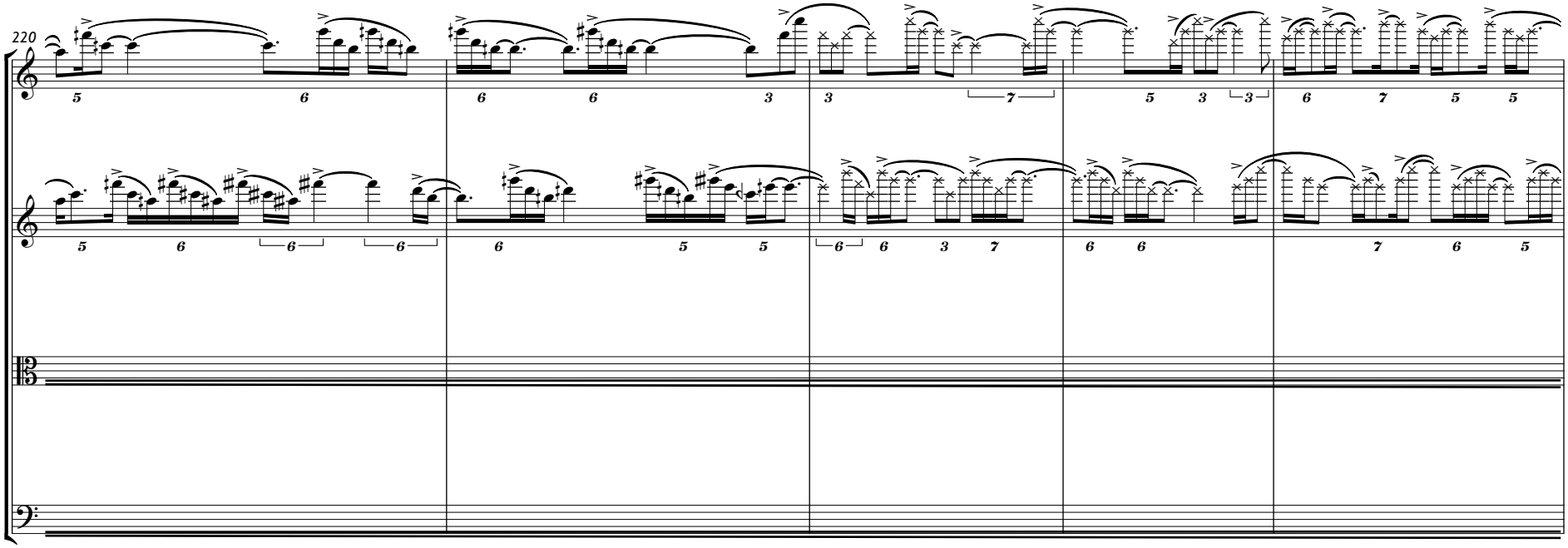


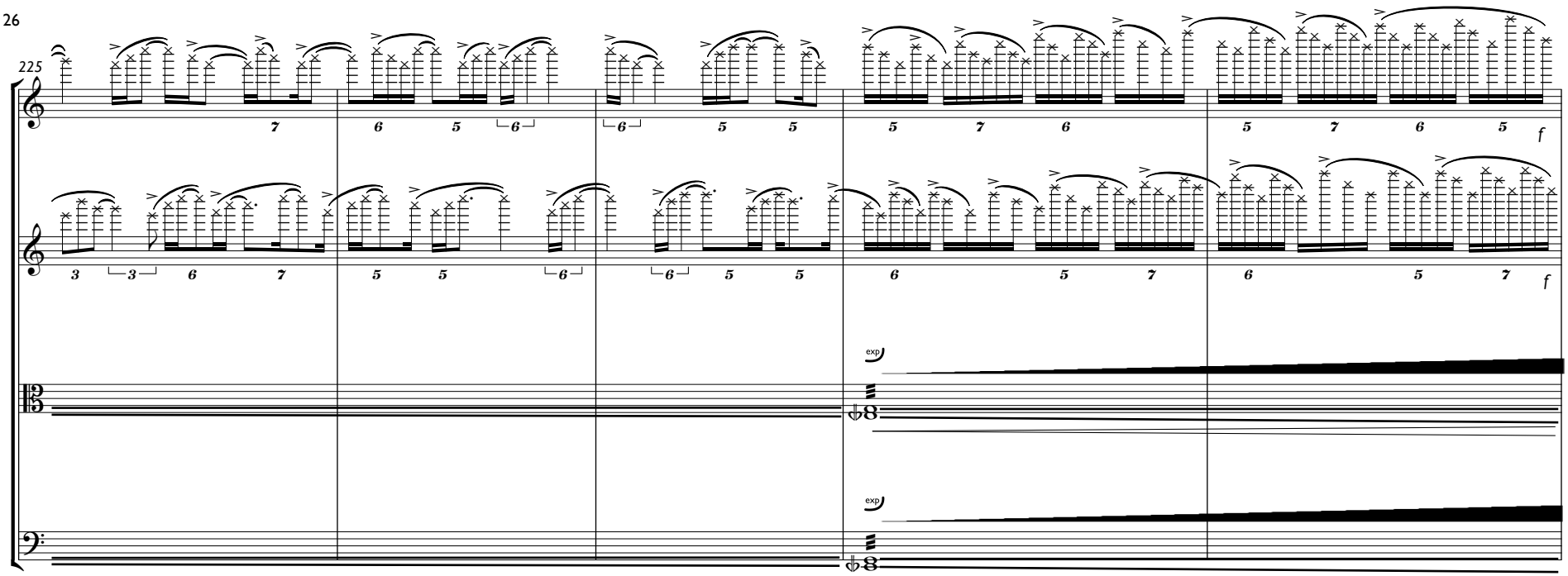

range indicates the full range of the instrument
batt
197
range indicates the full range of the instrument
batt
range indicates the full range of the instrument
batt
range indicates the full range of the instrument
batt
202
xxiii. bela iii
ff
ff
ff
ff


207
xiv. rising/falling
8 sec
con sordino
sul pont
pp cresc poco a poco
8 sec
con sordino
sul pont
pp cresc poco a poco
8 sec
bow together with cello to bar 226
ff
8 sec
bow together with viola to bar 226
ff
212
continue bowing together
gradually increase bowing speed to bar 224
continue bowing together
gradually increase bowing speed to bar 224

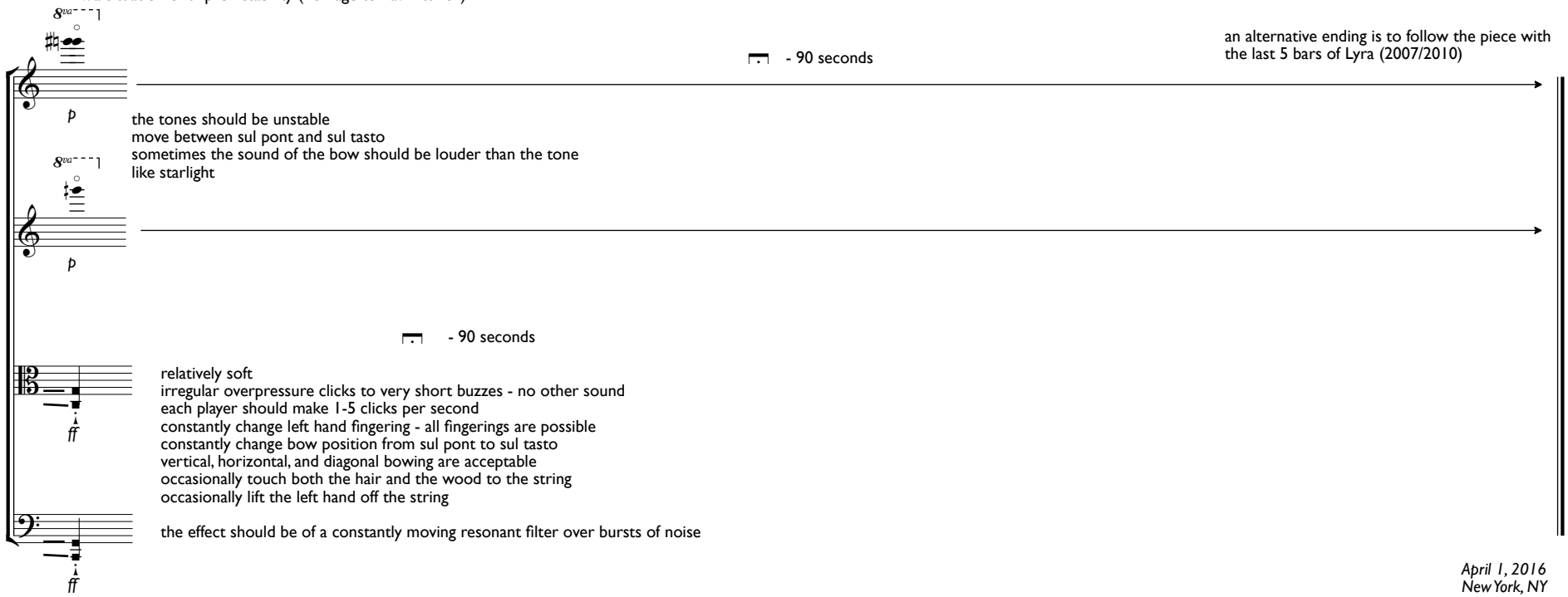


follow the provided shape, continuing to play microtonal arpeggios as before
get higher and higher, approaching the bridge of the E string





xxv. a situation of unpredictability (homage to david tudor)



April 1, 2016
New York, NY