Portfolio of Compositions:

Pitch-Class Set Theory in Music and Mathematics

Volume II: Scores

Thesis submitted in accordance with the requirements of the University of Liverpool for the degree of Doctor in Philosophy

Michael James McNeilis

March 2017

Scores

From Zero

In Equal Measure

Unequal Measures

Space Ripple

Three Minds Fractured

One to Another

One to Another *(Octet Arrangement)*

Aggregation

Aggregation *(Finale Excerpt Arrangement)*

In Three Elements

From Zero

for solo flute

(2011-2016)

ca. 3’45

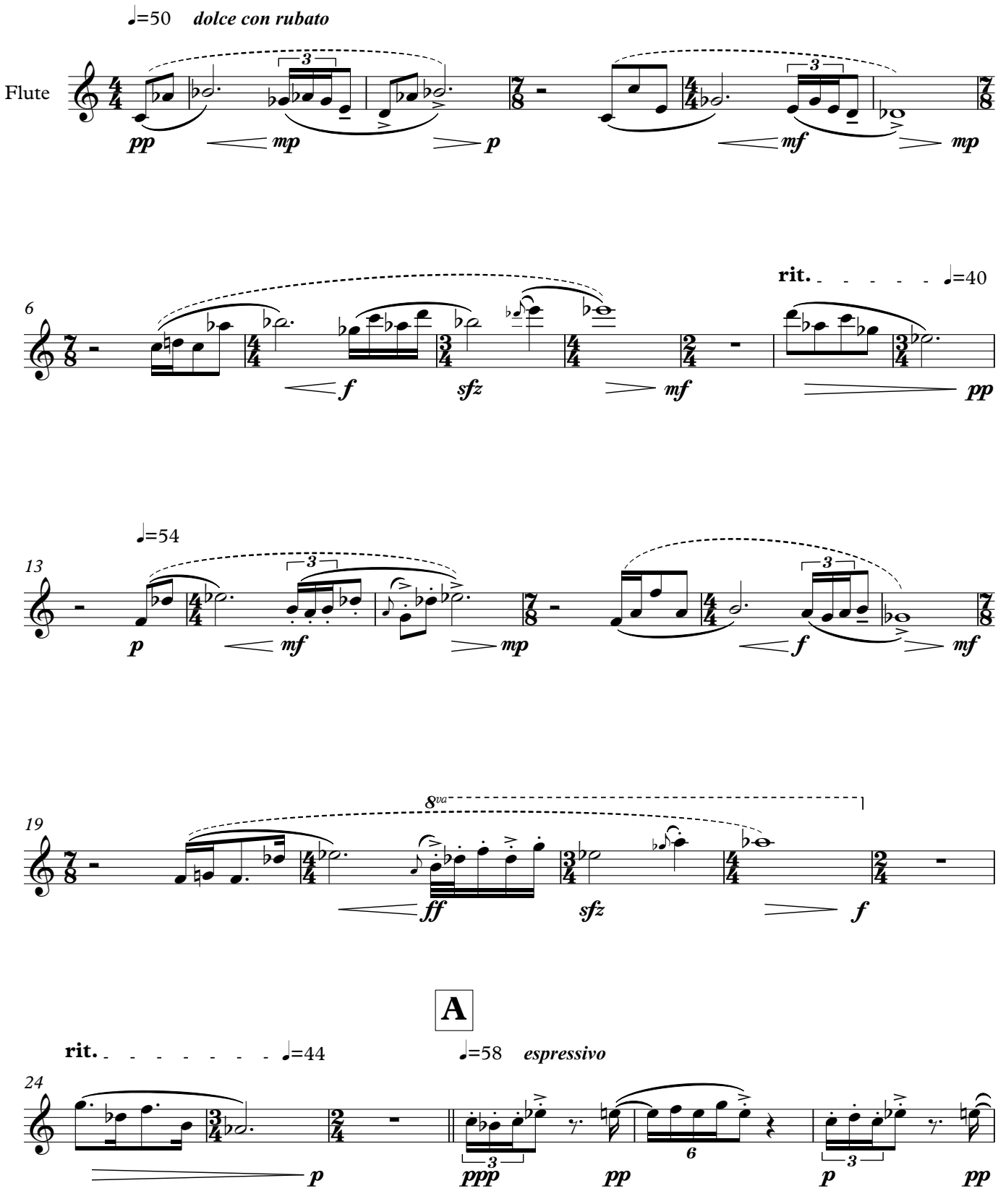
Michael McNeilis

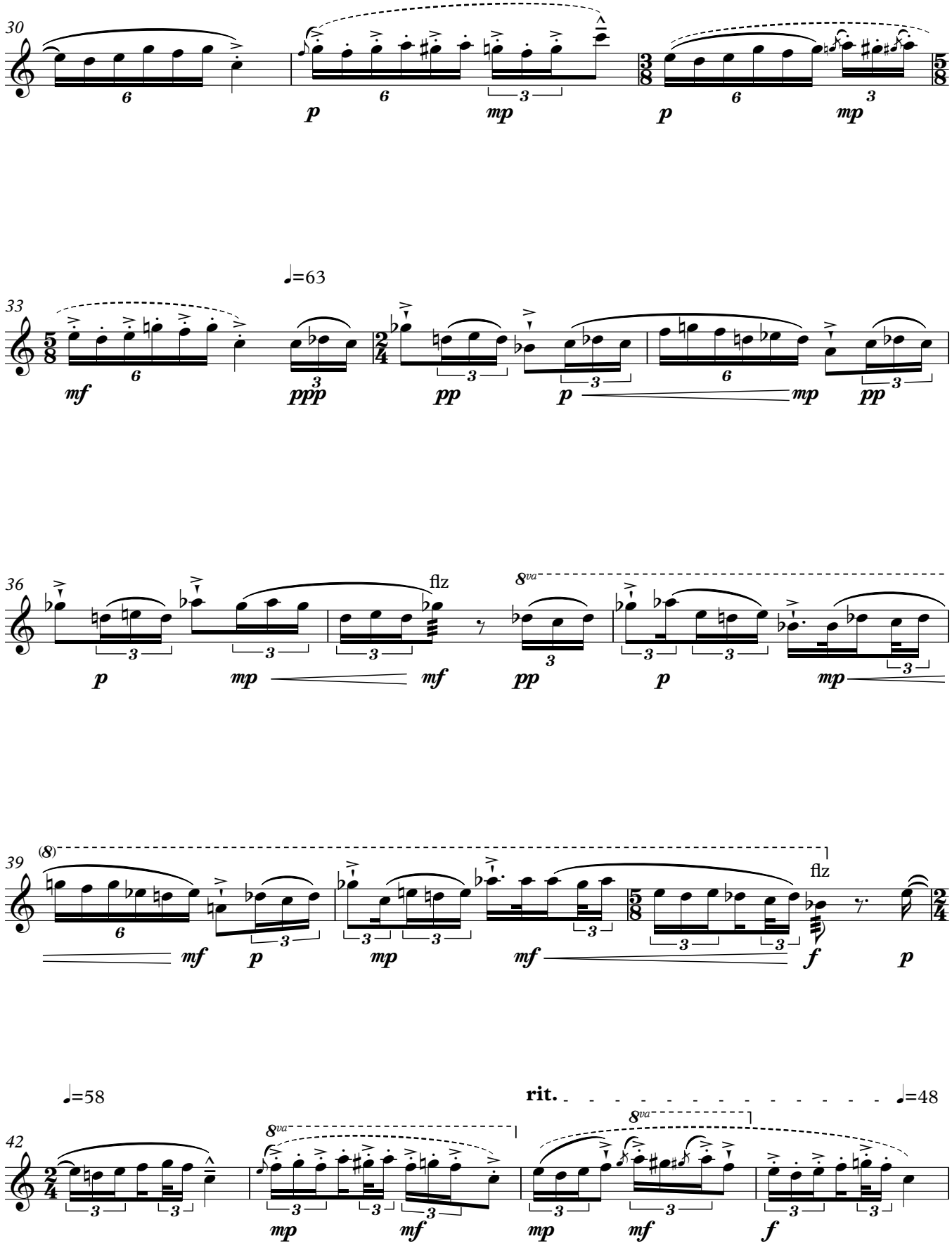
From Zero

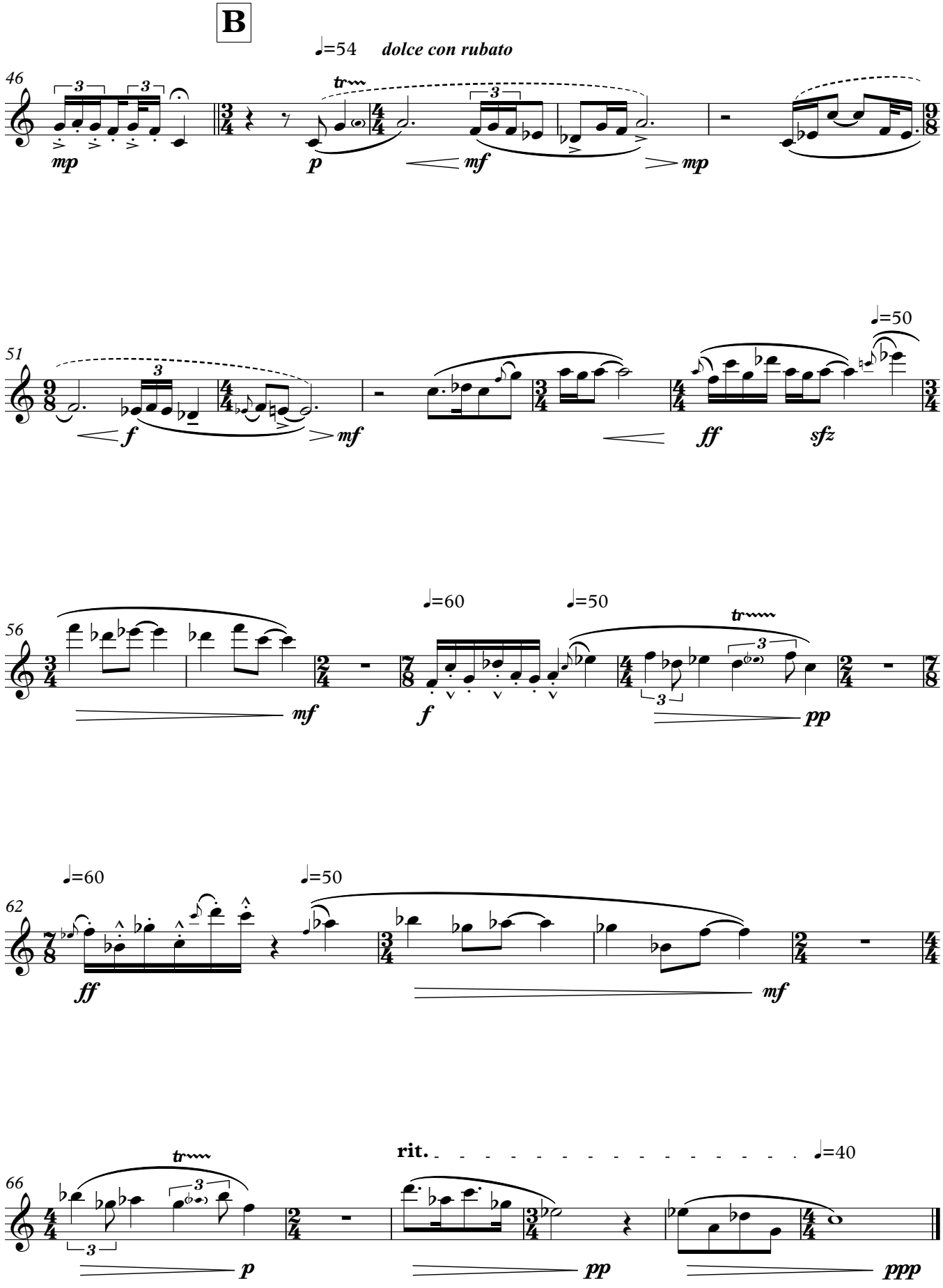
(for solo flute)

Michael McNeilis

dashed slurs indicate phrase marks




30
33
♩=63
36
flz
8va
39
(8)
flz
42
♩=58
8va
rit.
♩=48
8va


B
♩=54 dolce con rubato
46
mp
p
mf
mp
51
f
mf
ff
sfz
♩=50
56
mf
♩=60
f
♩=50
pp
62
♩=60
ff
♩=50
mf
66
p
rit.
♩=40
pp
ppp

In Equal Measure

for solo piano

(2011-2016)

Michael McNeilis

In Equal Measure

for solo piano

(2011-2016)

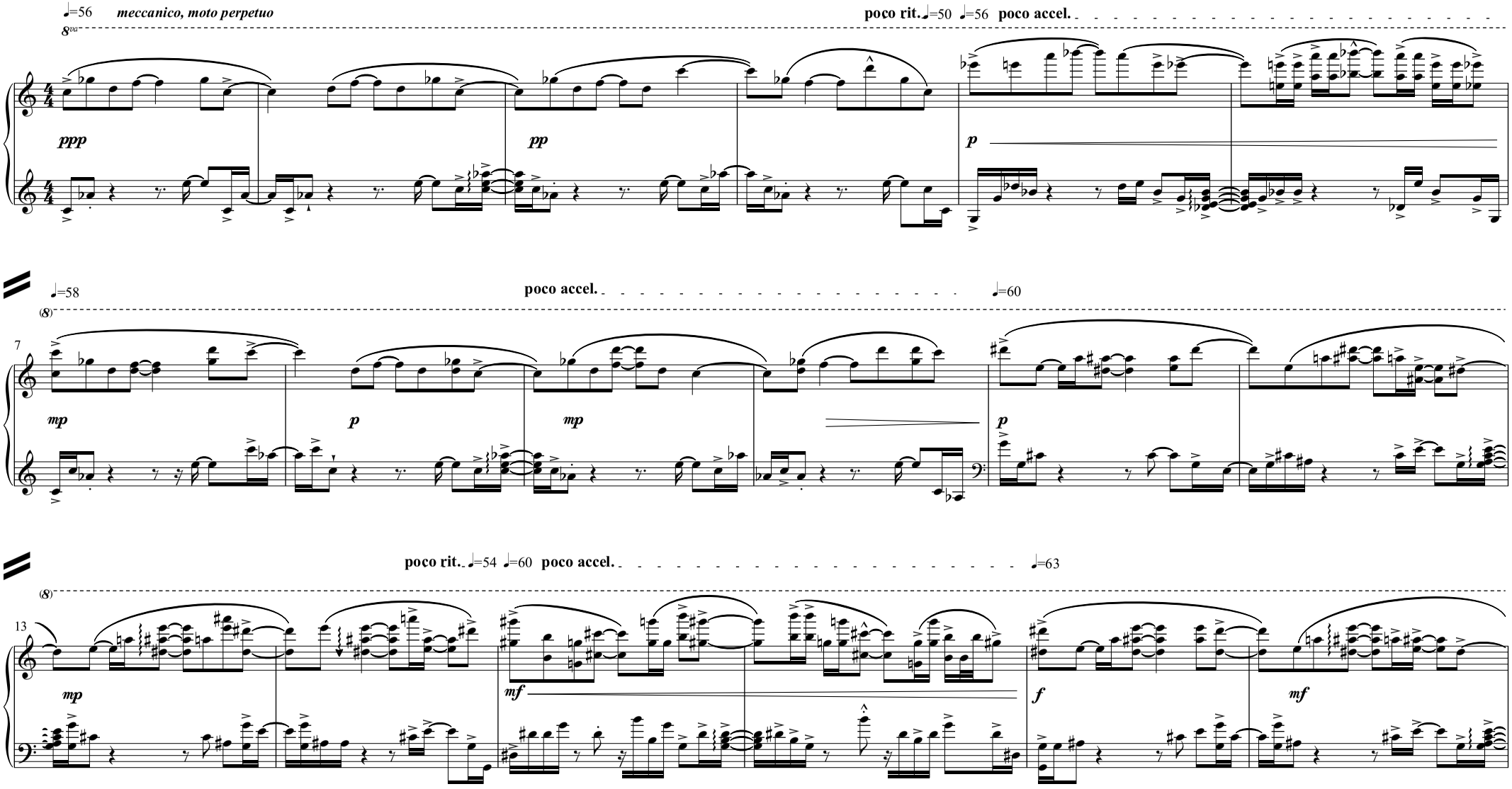
Movement One: ca. 5’30
Movement Two: ca. 3’45
Total: ca. 9’15

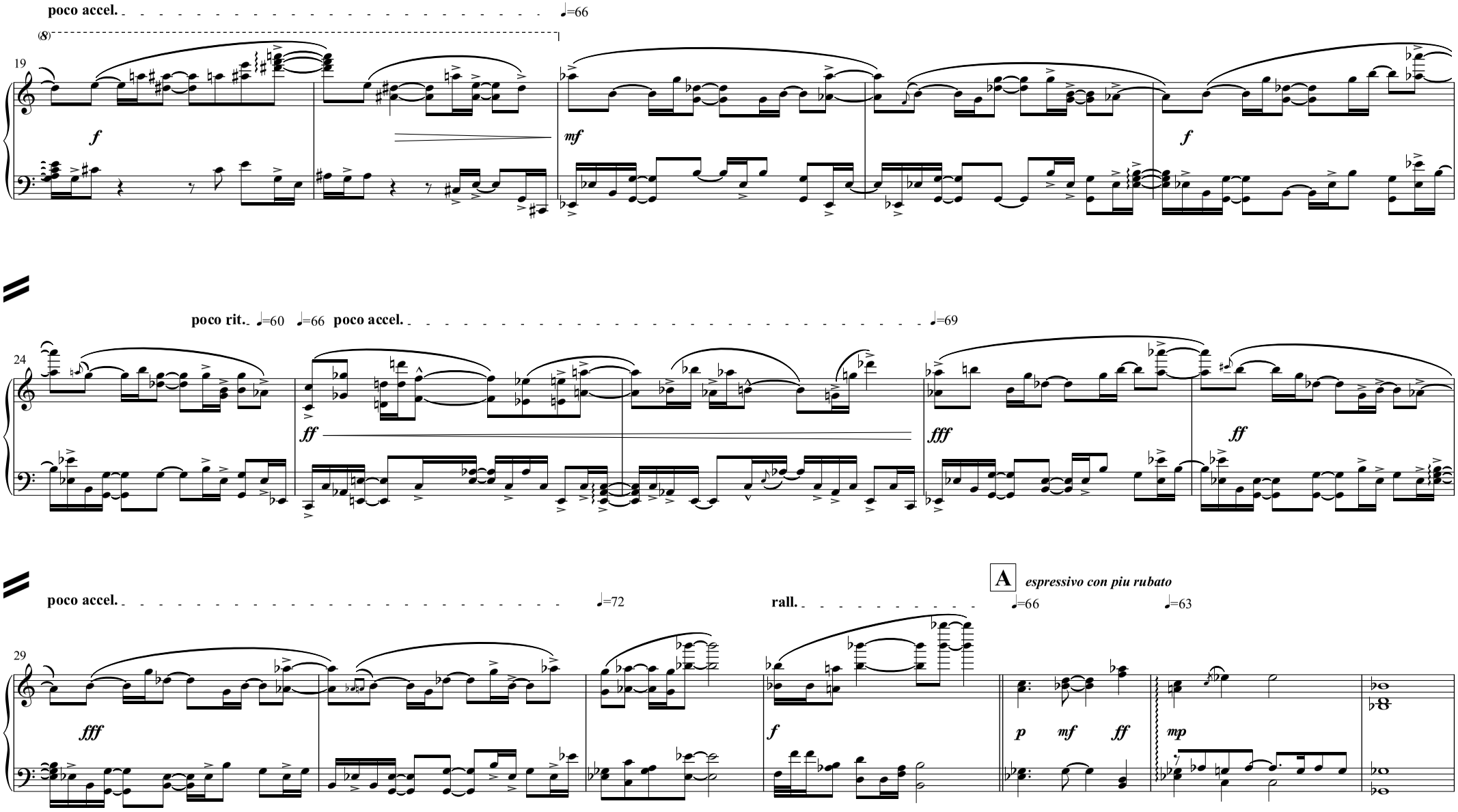
In Equal Measure

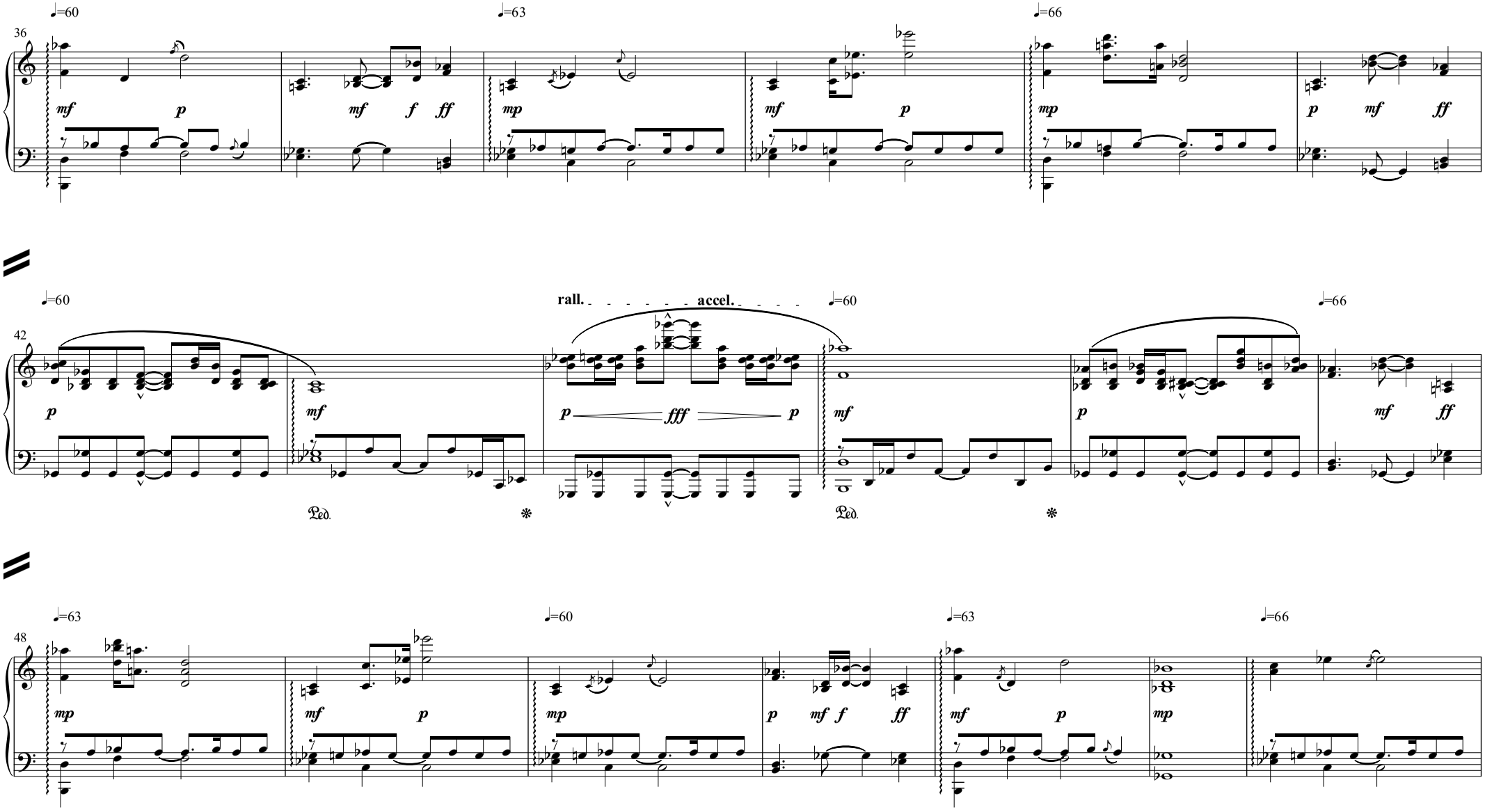
(for solo piano)

Movement One

Michael McNeilis




poco accel.
♩=66
(8)
19
f
mf
f
poco rit.
♩=60
♩=66
poco accel.
♩=69
24
ff
fff
ff
poco accel.
♩=72
rall.
A
espressivo con piu rubato
♩=66
♩=63
29
fff
f
p
mf
ff
mp


♩=60
♩=63
♩=66
rall.
accel.
Ped.

B

accel. ♩=72 rall. ♩=50 ♩=69 *meccanico, moto perpetuo*

55

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

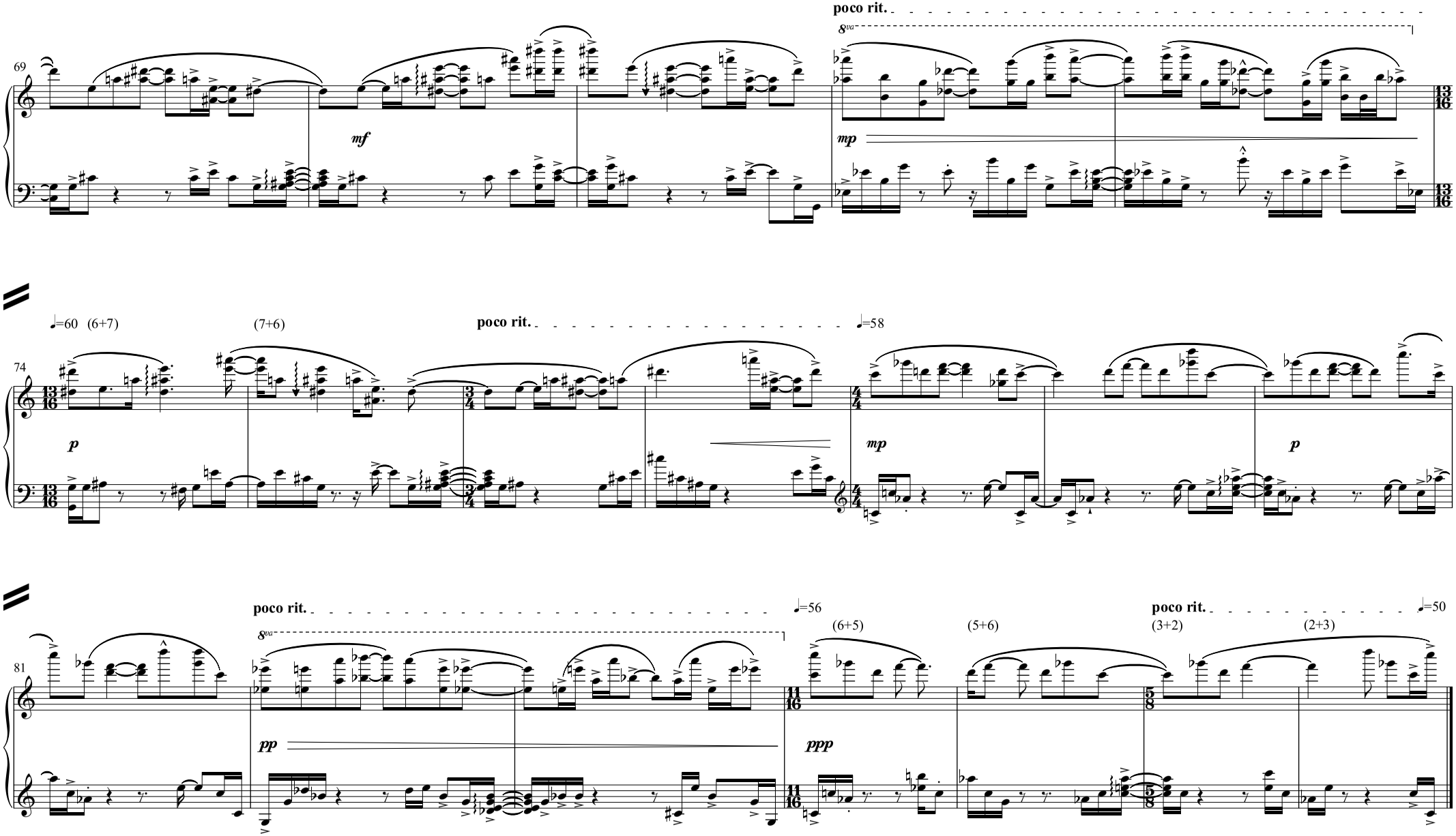
60

ff poco rit. *f*

64

♩=66 (5+5+5) (3+4) poco rit. ♩=63

mf *f* *mf* *f*

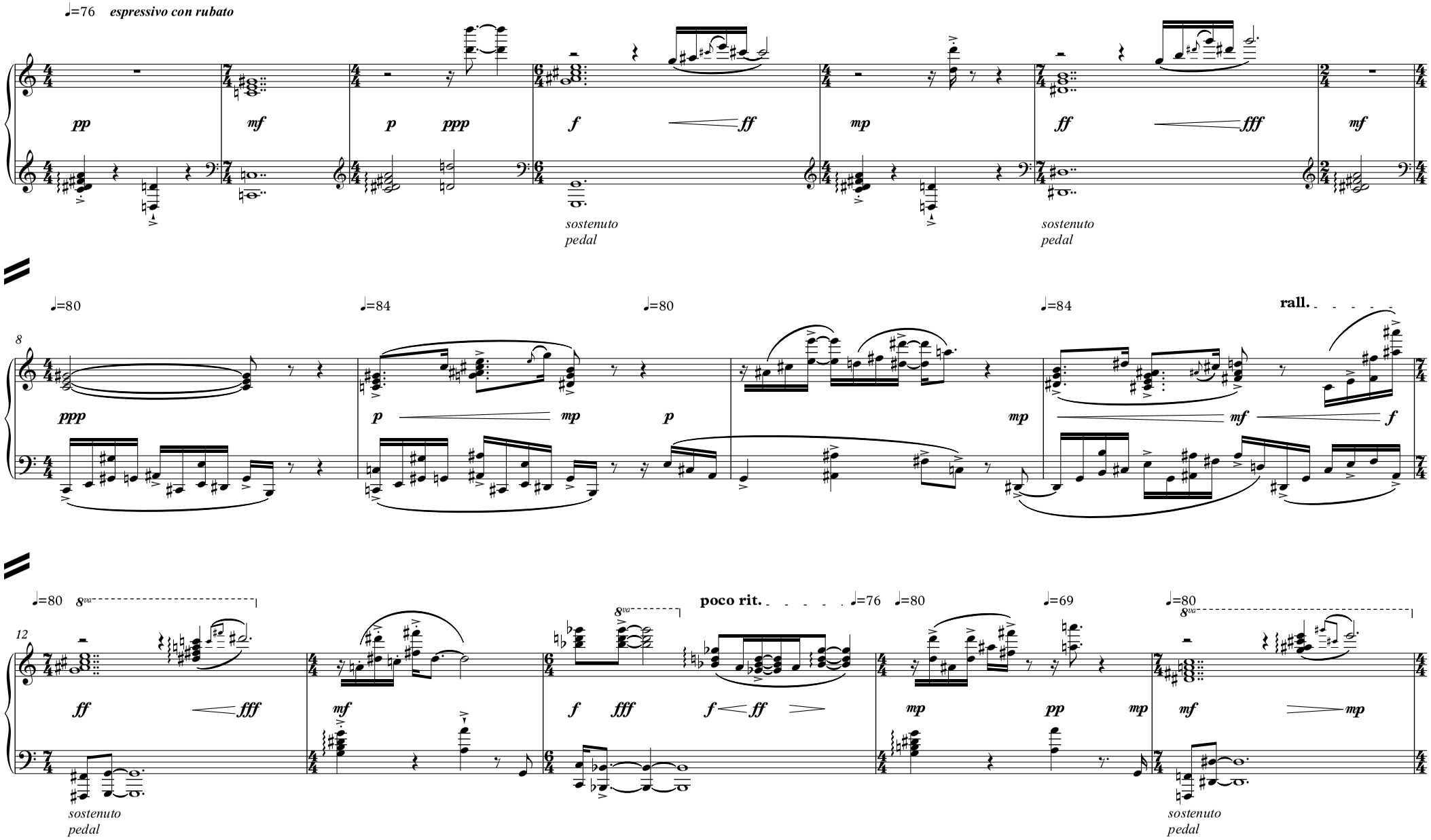

69
poco rit.
8va
mf
mp
74
♩=60 (6+7)
(7+6)
poco rit.
♩=58
p
mp
p
81
poco rit.
8va
♩=56
(6+5)
(5+6)
poco rit.
(3+2)
(2+3)
♩=50
pp
ppp

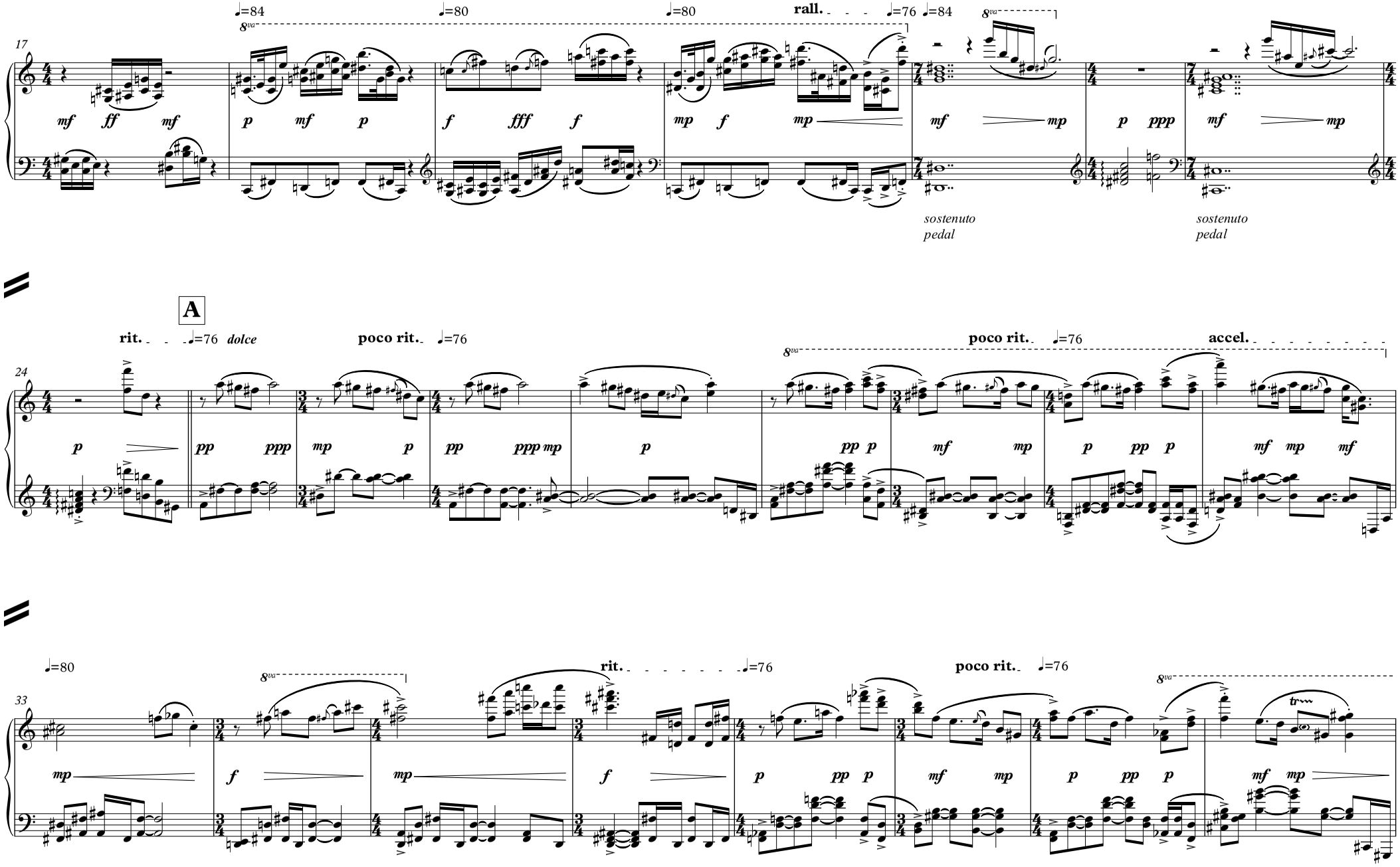
In Equal Measure

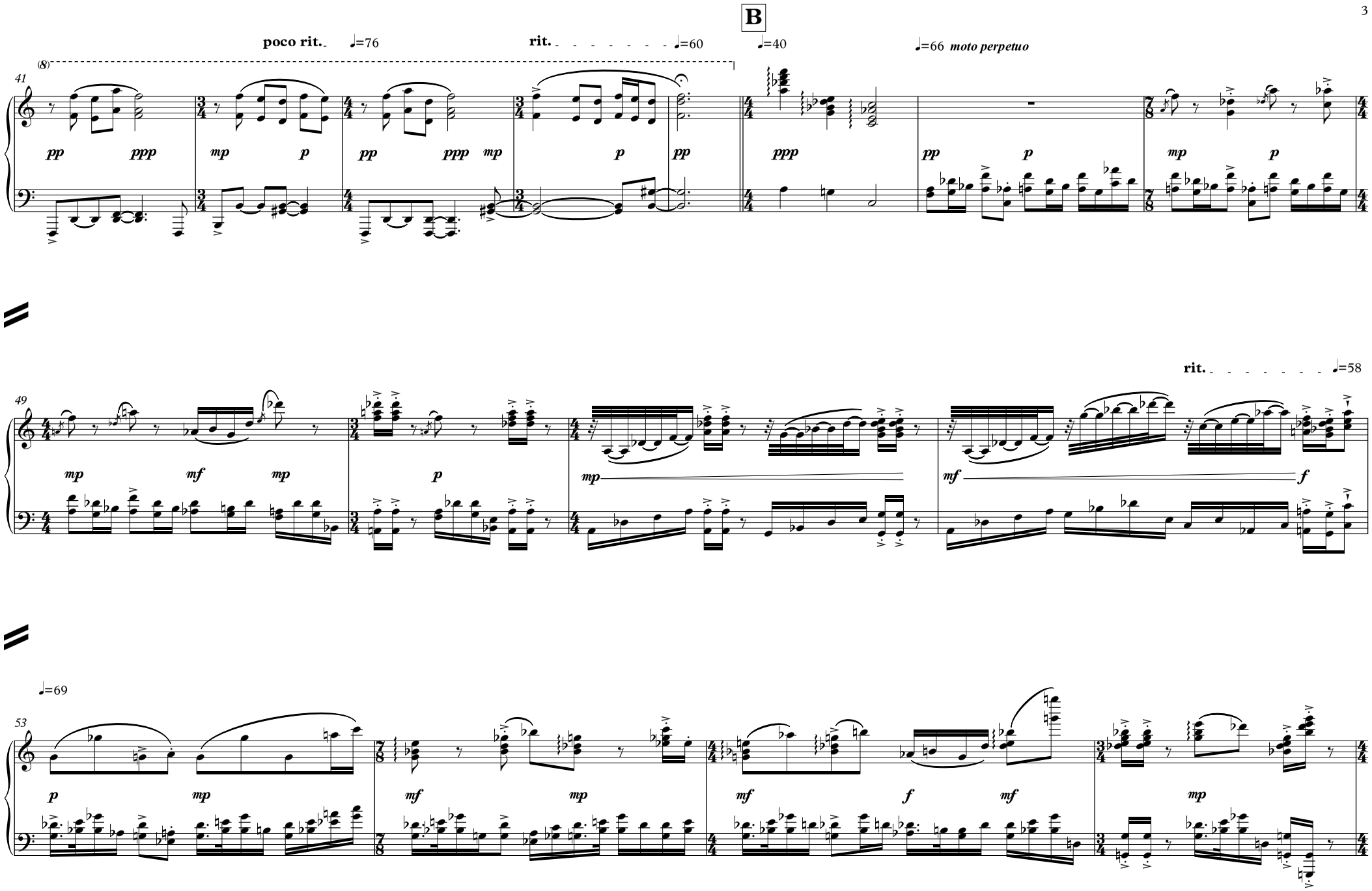
(for solo piano)

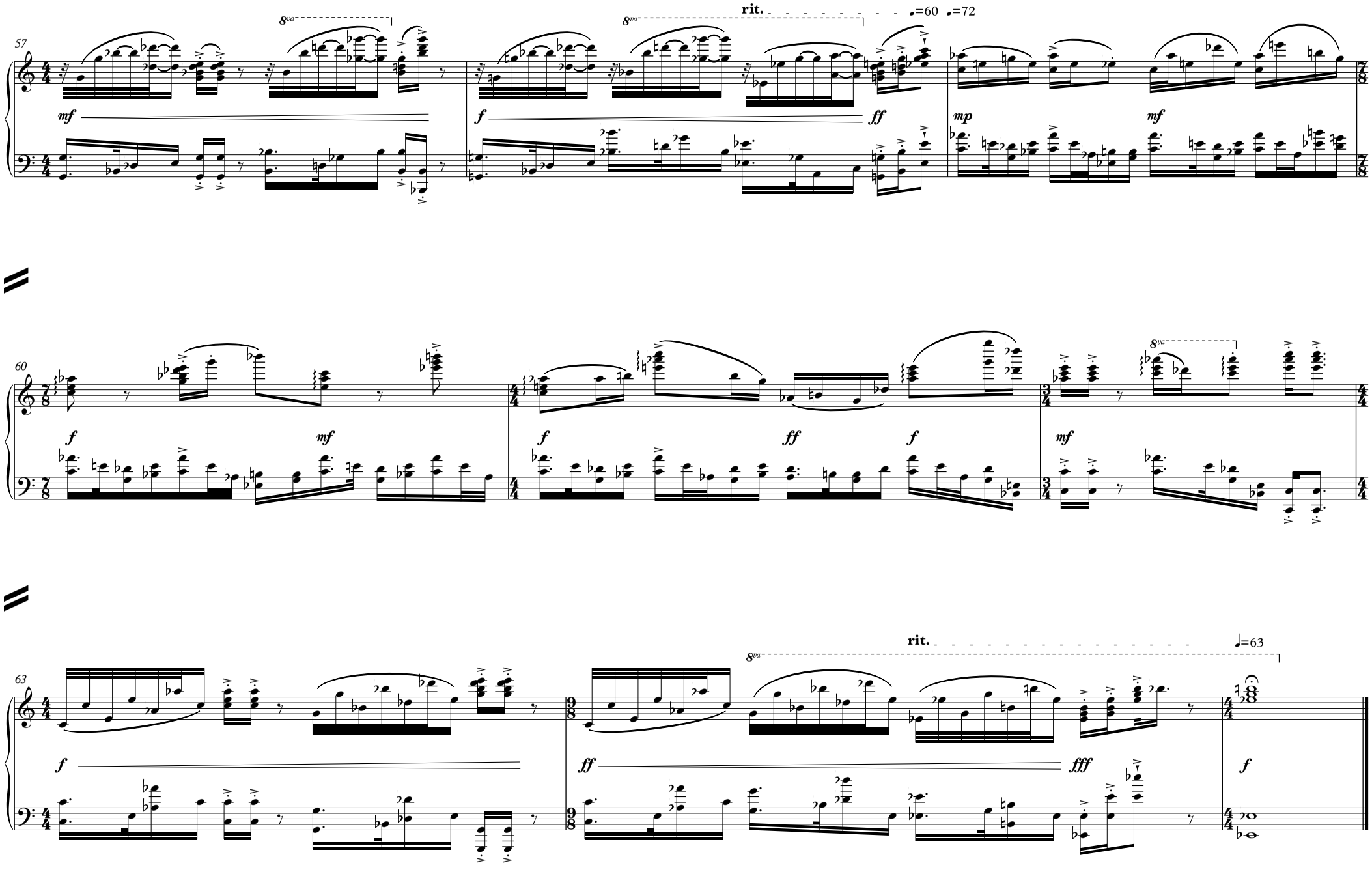
Movement Two

Michael McNeilis




17
♩=84
8va
♩=80
♩=80
rall.
♩=76
♩=84
8va
mf ff mf
p mf p
f fff f
mp f mp
mf mp
p ppp
mf mp
sostenuto pedal
sostenuto pedal
A
24
rit.
♩=76
dolce
poco rit.
♩=76
poco rit.
♩=76
accel.
p
pp ppp
mp p
pp ppp mp
p
pp p
mf mp
p pp p
mf mp mf
33
♩=80
8va
rit.
♩=76
poco rit.
♩=76
8va
mp
f
mp
f
p pp p
mf mp
p pp p
mf mp
tr


B
poco rit.
♩=76
rit.
♩=60
♩=40
♩=66 moto perpetuo
41
rit.
♩=58
49
♩=69
53


57
8va
8va
rit.
♩=60
♩=72
mf
f
ff
mp
mf
60
f
mf
f
ff
f
8va
mf
63
f
8va
rit.
♩=63
ff
fff
f

Unequal Measures

for string quartet

(2012-2016)

Michael McNeilis

Unequal Measures

for string quartet

(2012-2016)

Movement One: ca. 6’05
Movement Two: ca. 4’25
Total: ca. 10’30

Instrumentation:

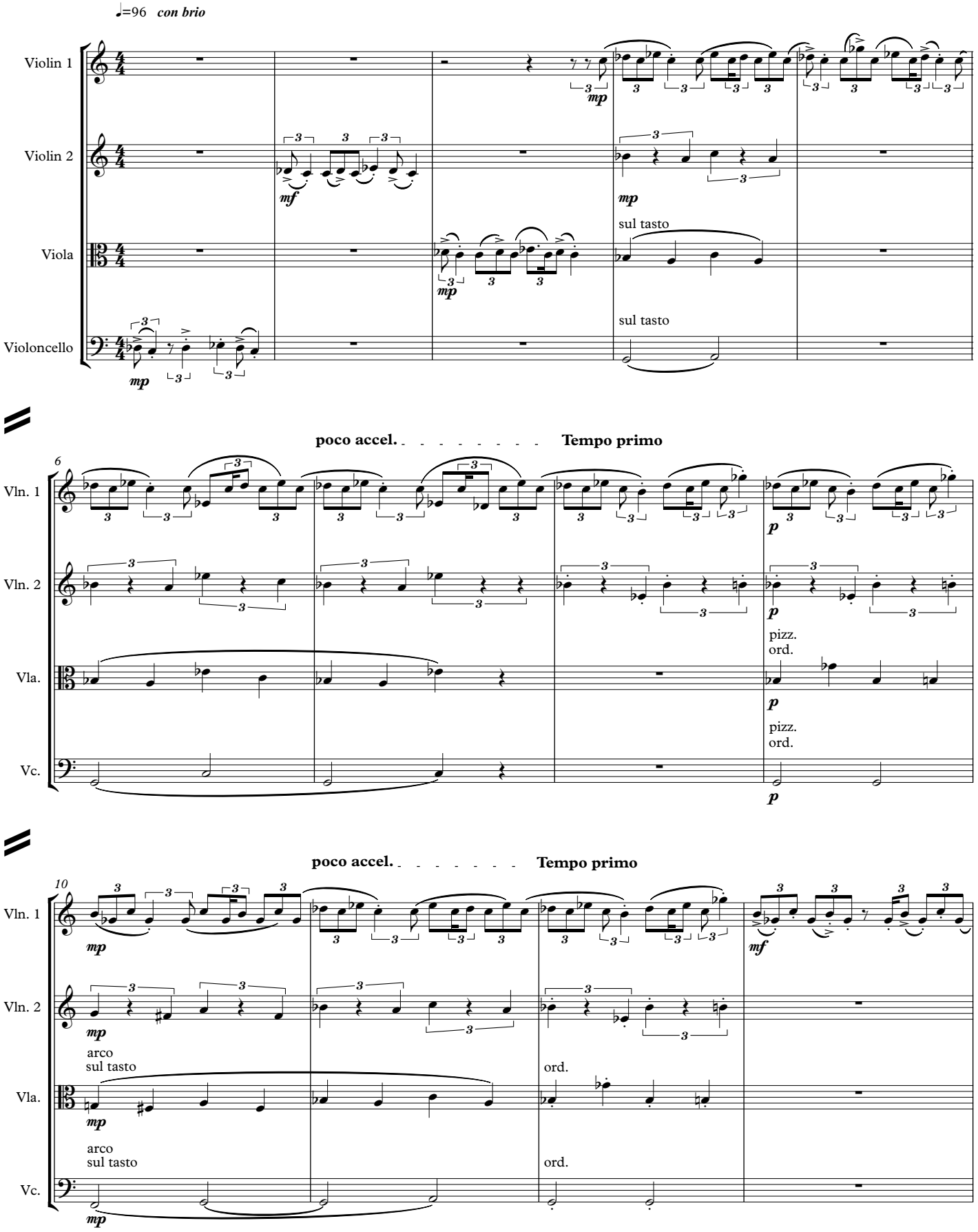
violin x 2
viola
violoncello

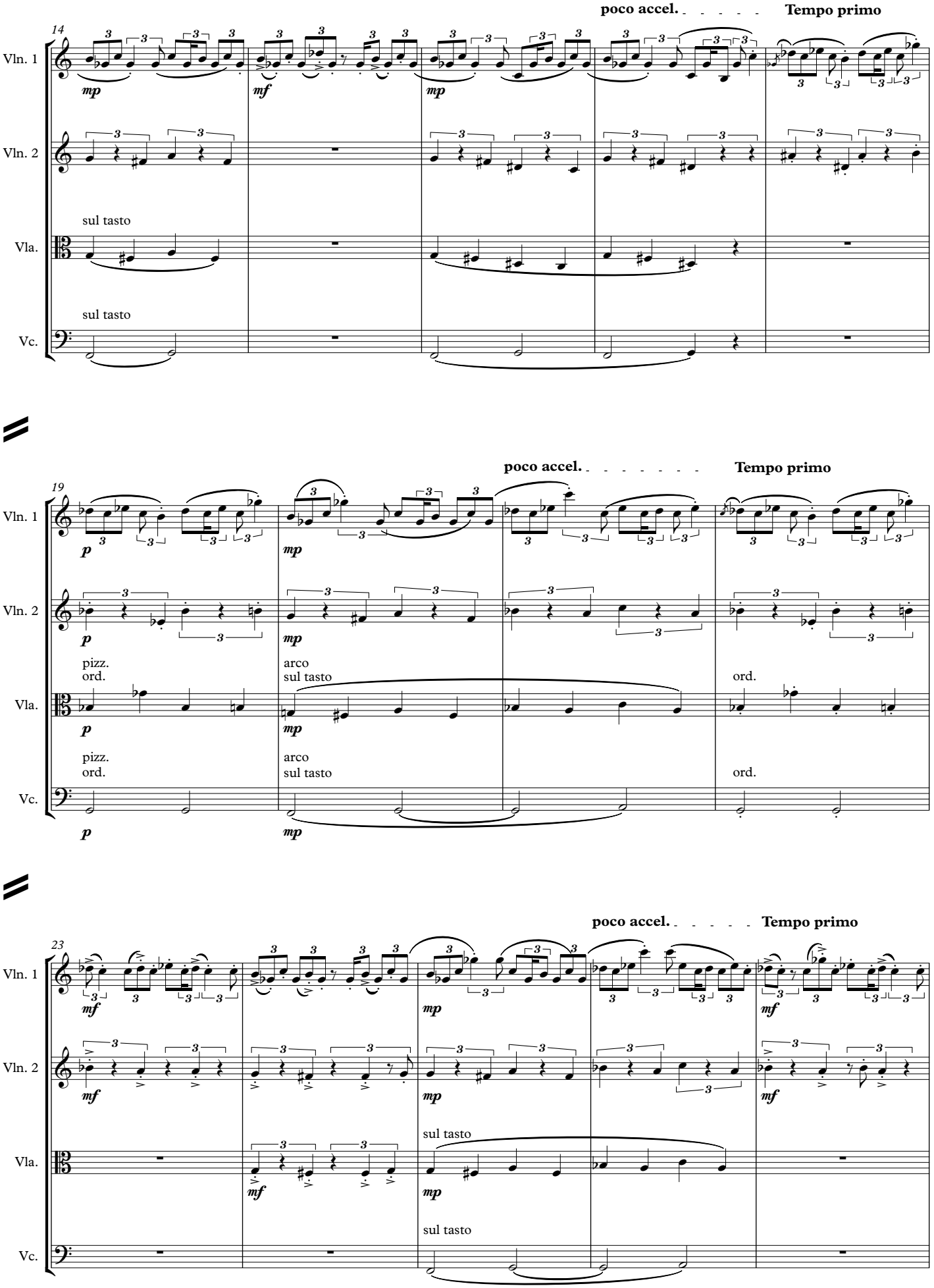
Unequal Measures

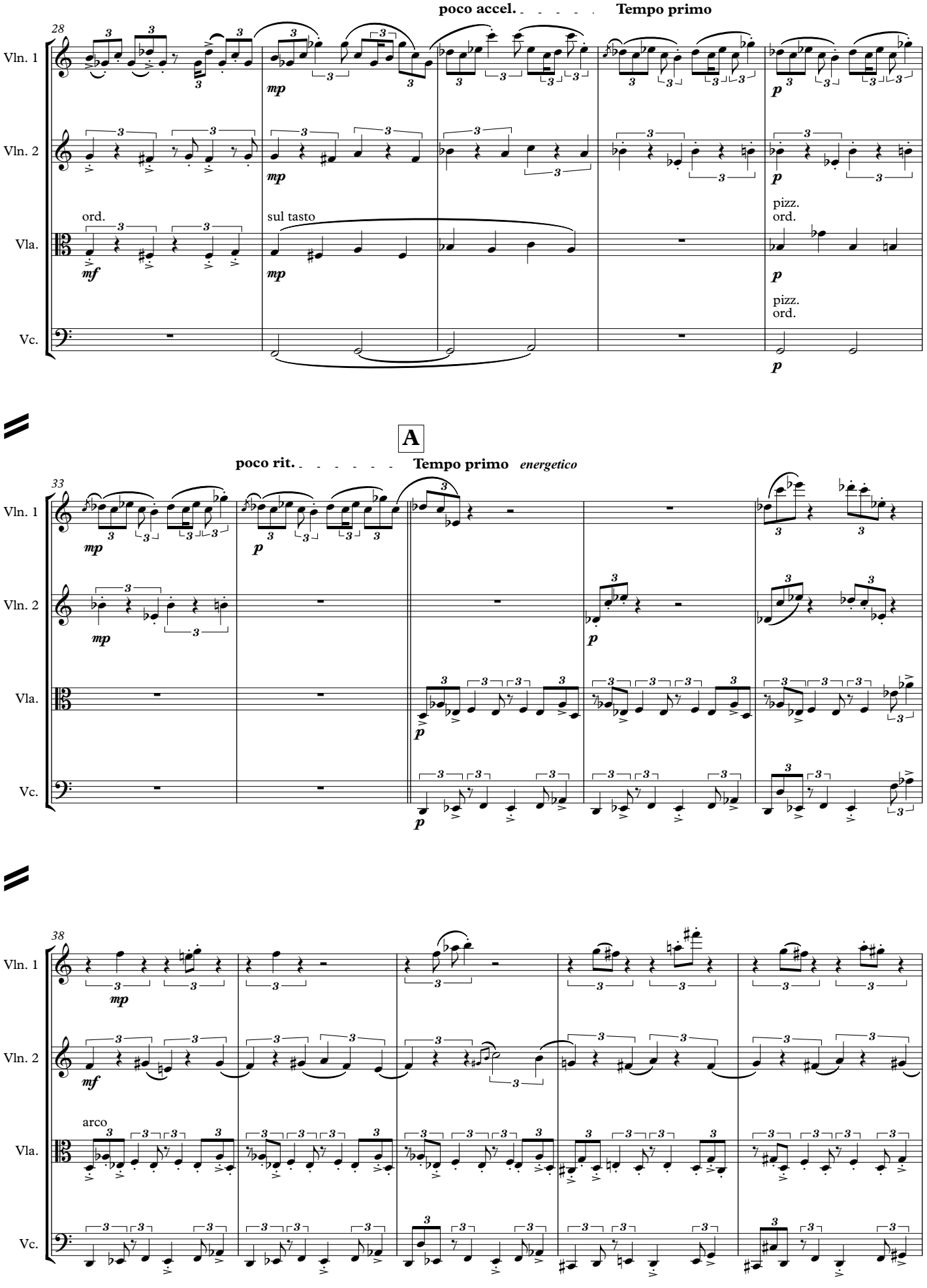
(for string quartet)

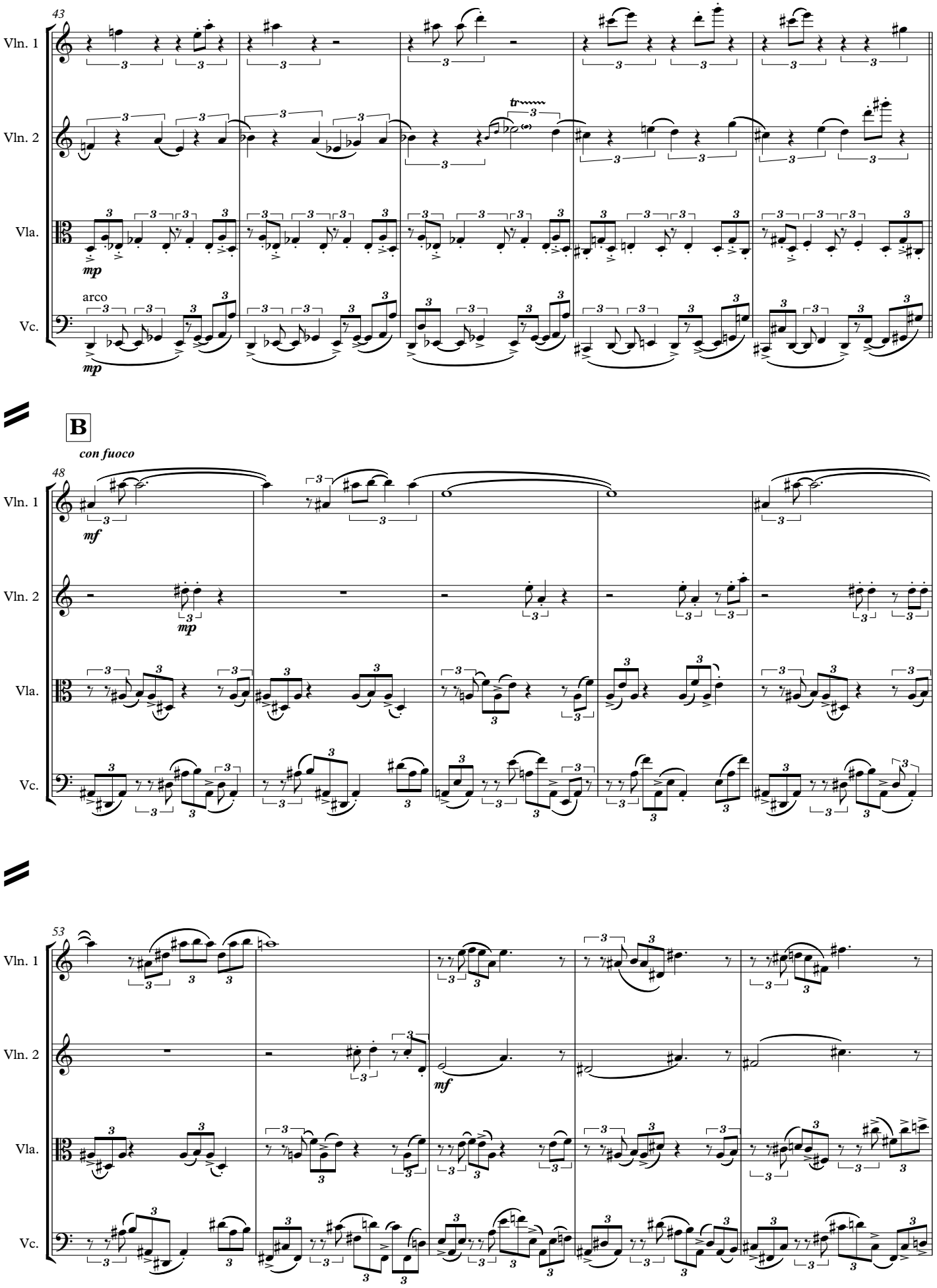
Movement One

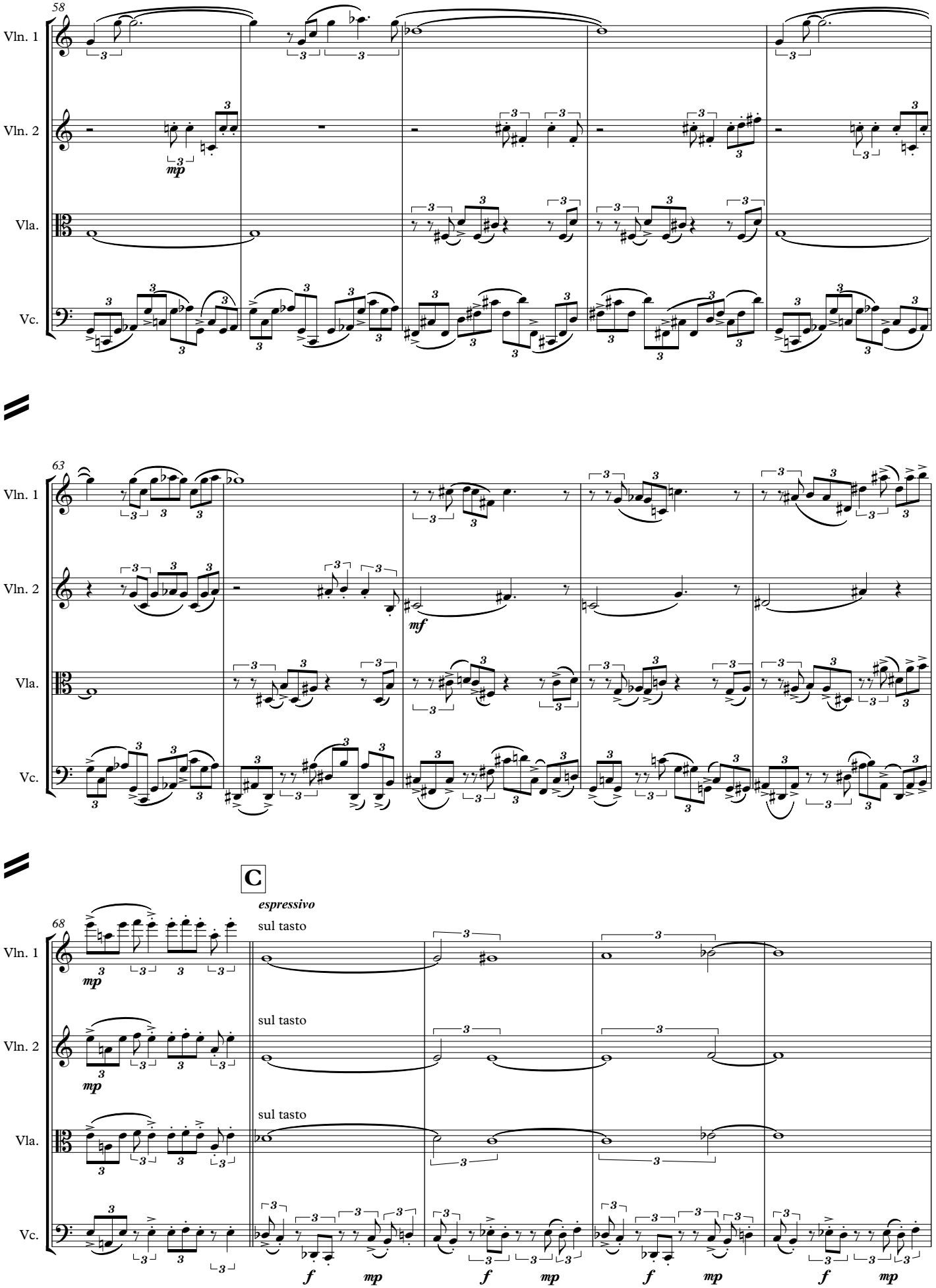
Michael McNeilis

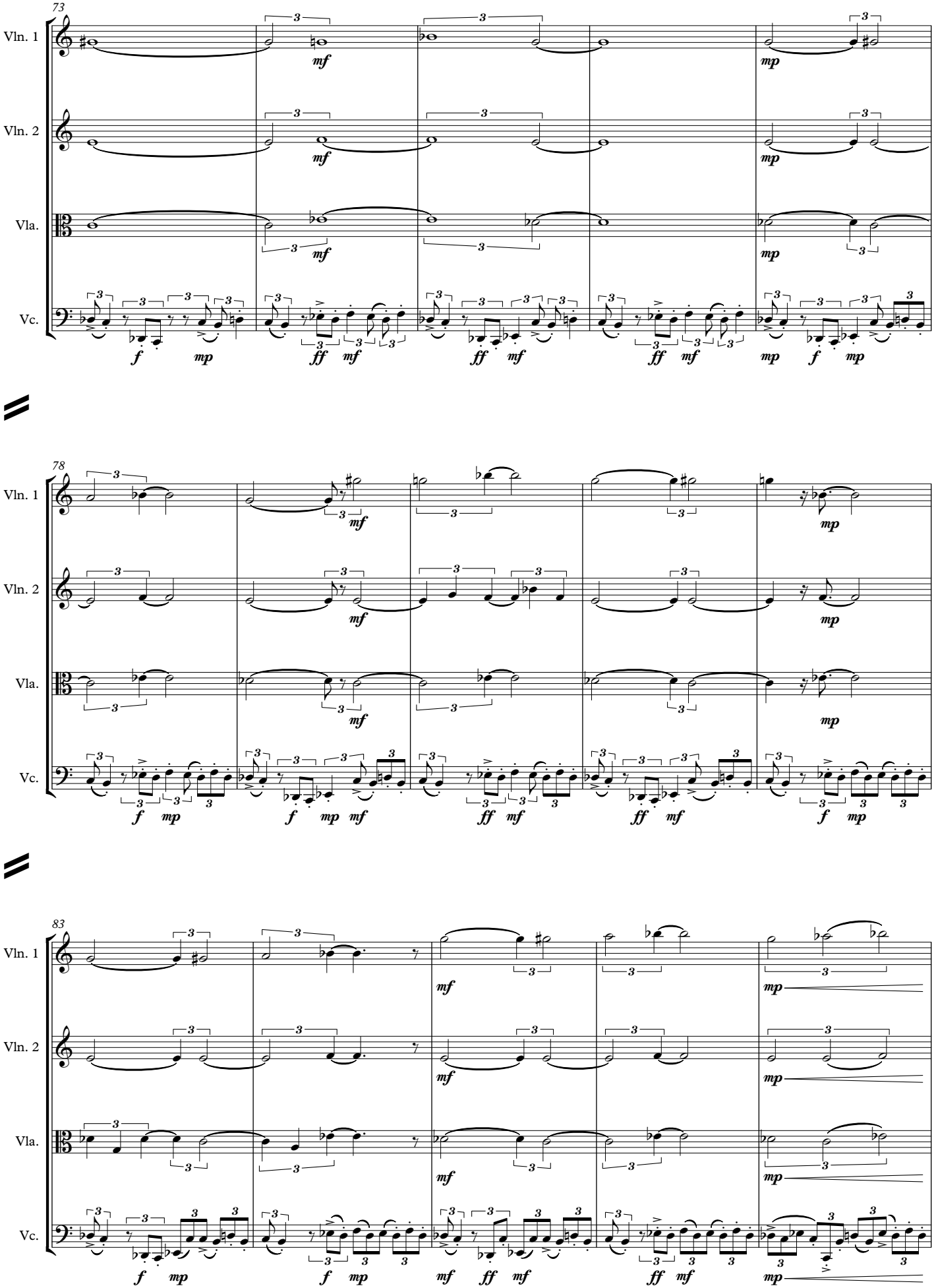


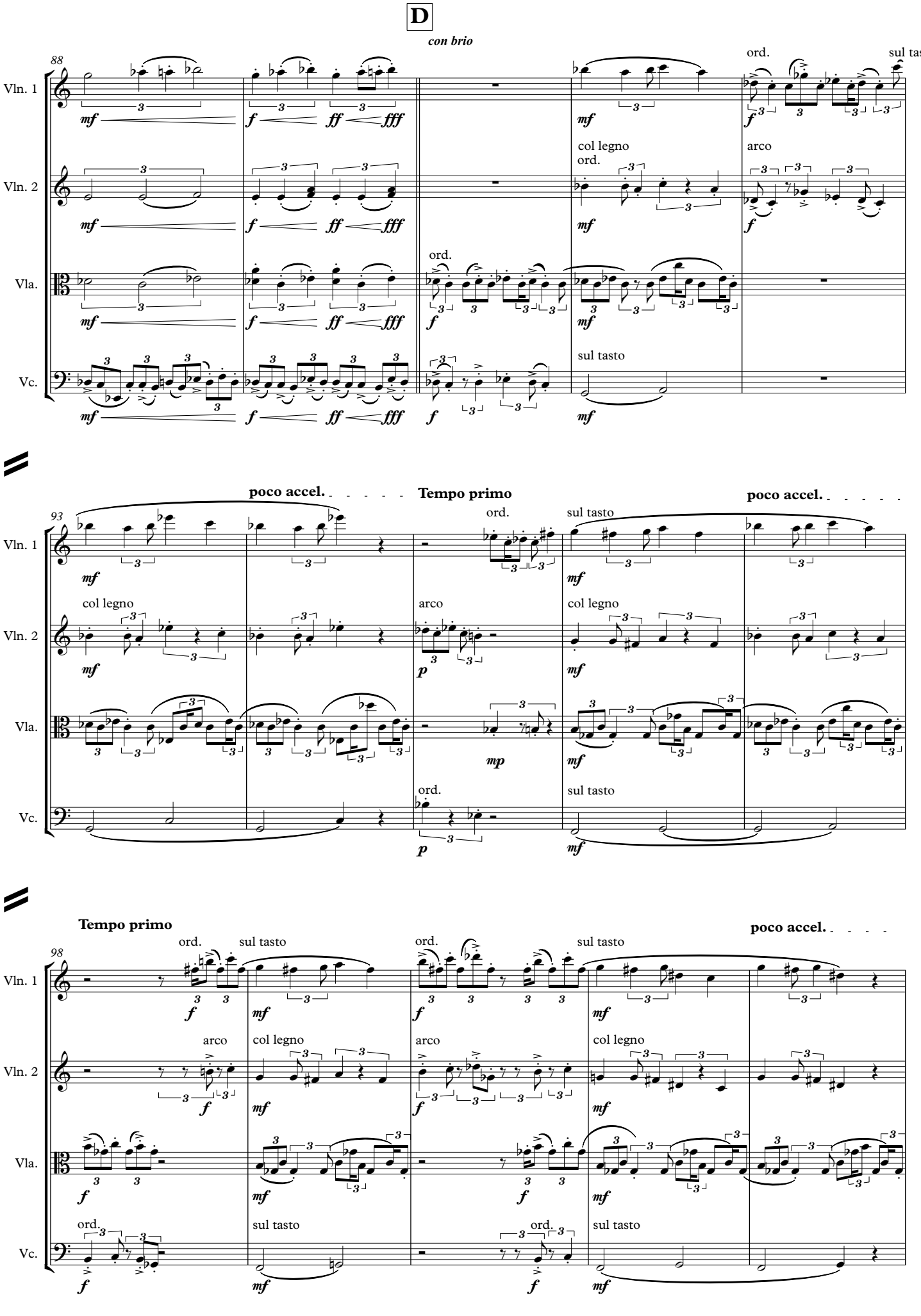

14
poco accel.
Tempo primo
Vln. 1
Vln. 2
Vla.
Vc.
sul tasto
sul tasto
19
poco accel.
Tempo primo
pizz.
ord.
arco
sul tasto
ord.
23
poco accel.
Tempo primo
sul tasto
sul tasto

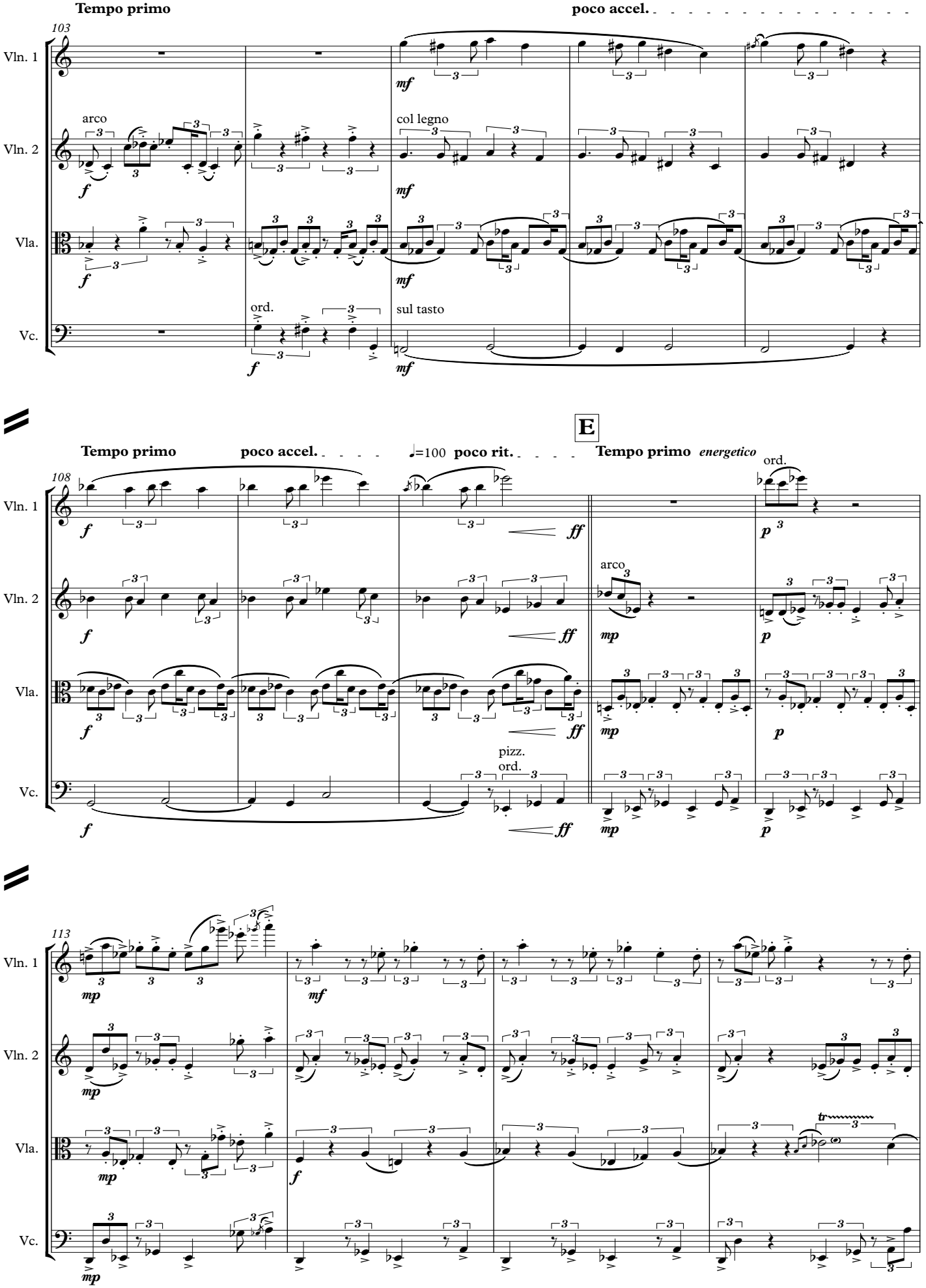

poco accel.
Tempo primo
28
Vln. 1
Vln. 2
Vla.
Vc.
ord.
sul tasto
pizz.
ord.
pizz.
ord.
A
poco rit.
Tempo primo
energetico
33
38
arco

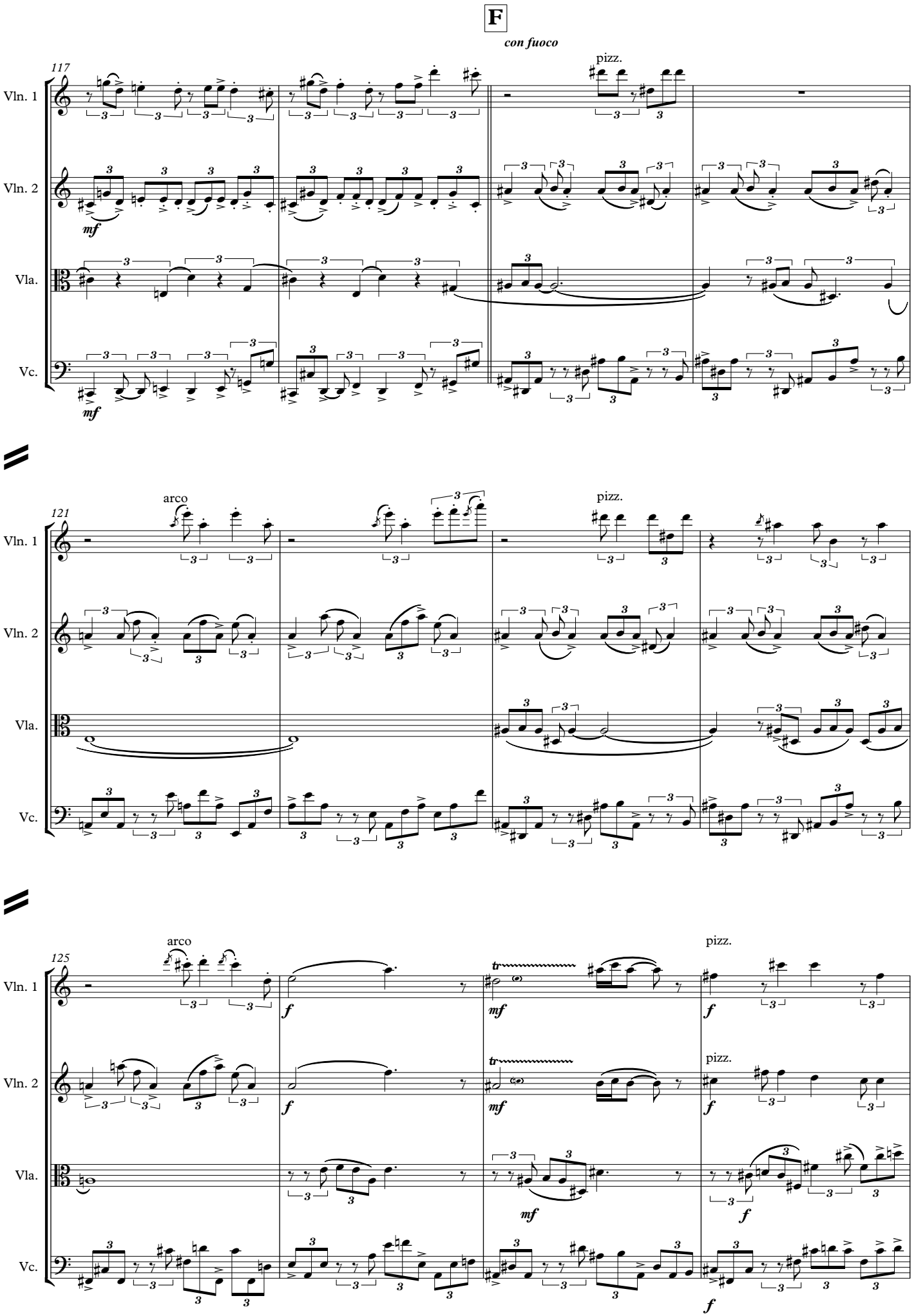

43
Vln. 1
Vln. 2
Vla.
Vc.
mp
arco
mp
B
con fuoco
48
mf
mp
53
mf

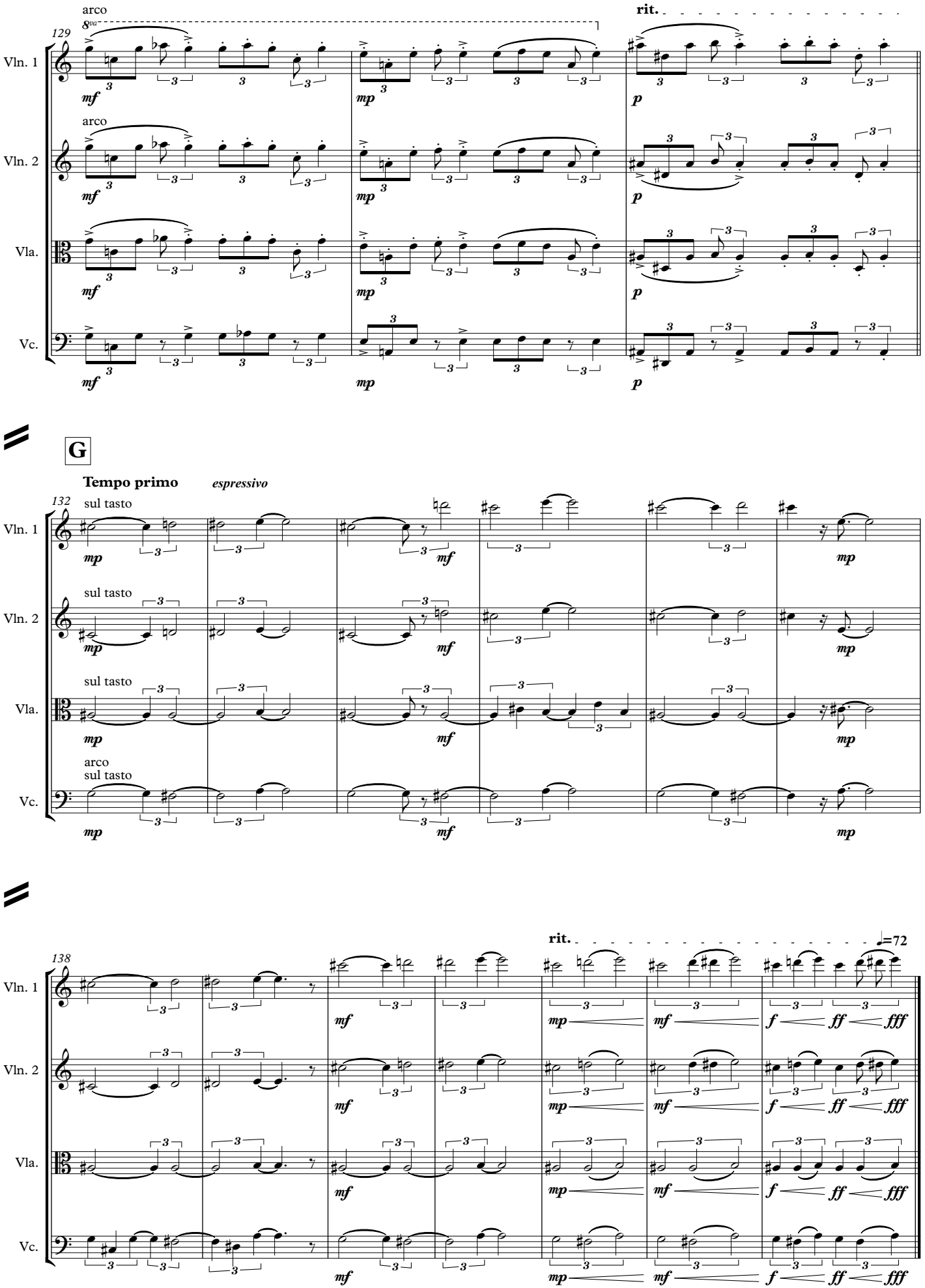

58
Vln. 1
Vln. 2
Vla.
Vc.
mp
63
mf
C
espressivo
68
sul tasto
f
mp


73
Vln. 1
Vln. 2
Vla.
Vc.
78
83


D
con brio
88
Vln. 1
Vln. 2
Vla.
Vc.
ord.
sul tasto
col legno
arco
93
poco accel.
Tempo primo
98


Tempo primo
poco accel.
103
Vln. 1
Vln. 2
Vla.
Vc.
arco
col legno
ord.
sul tasto
E
Tempo primo
poco accel.
♩=100 poco rit.
Tempo primo energetico
108
pizz.
ord.
113


F
con fuoco
117
pizz.
Vln. 1
Vln. 2
Vla.
Vc.
mf
121
arco
pizz.
125
f
mf
tr

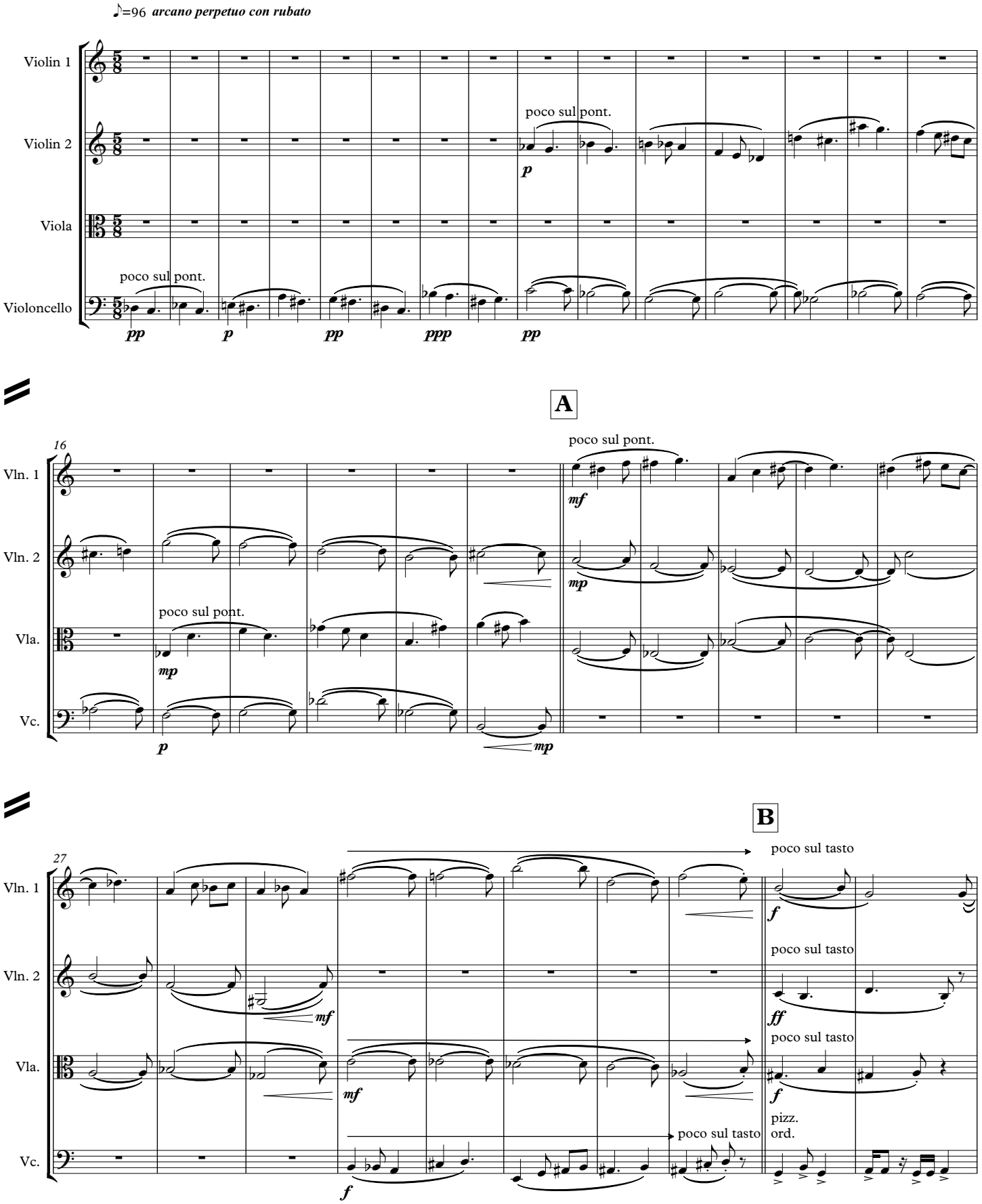

129
arco
8va
rit.
Vln. 1
Vln. 2
Vla.
Vc.
mf
mp
p
G
Tempo primo
espressivo
132
sul tasto
arco
sul tasto
138
rit.
♩=72
f
ff
fff

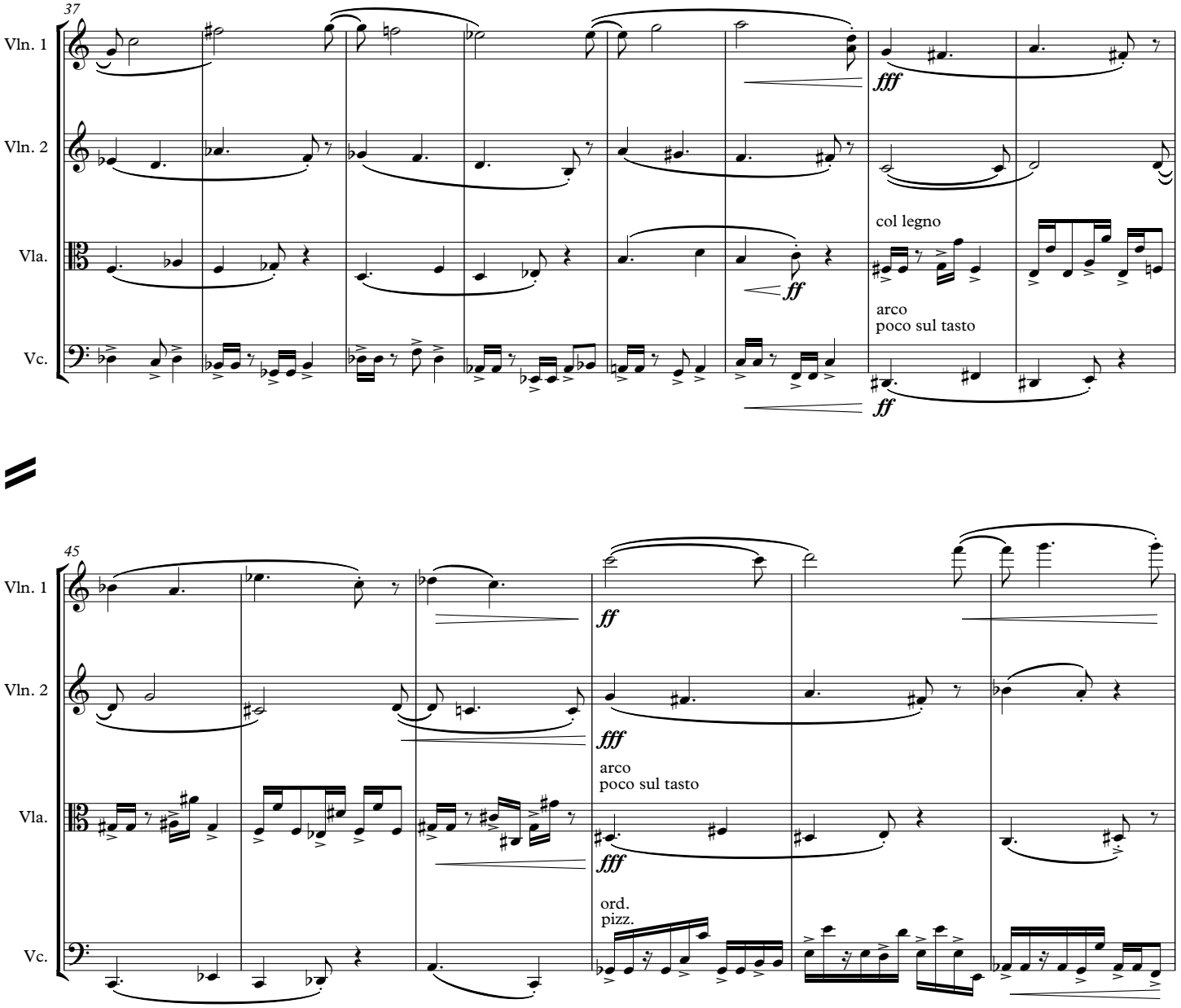
Unequal Measures

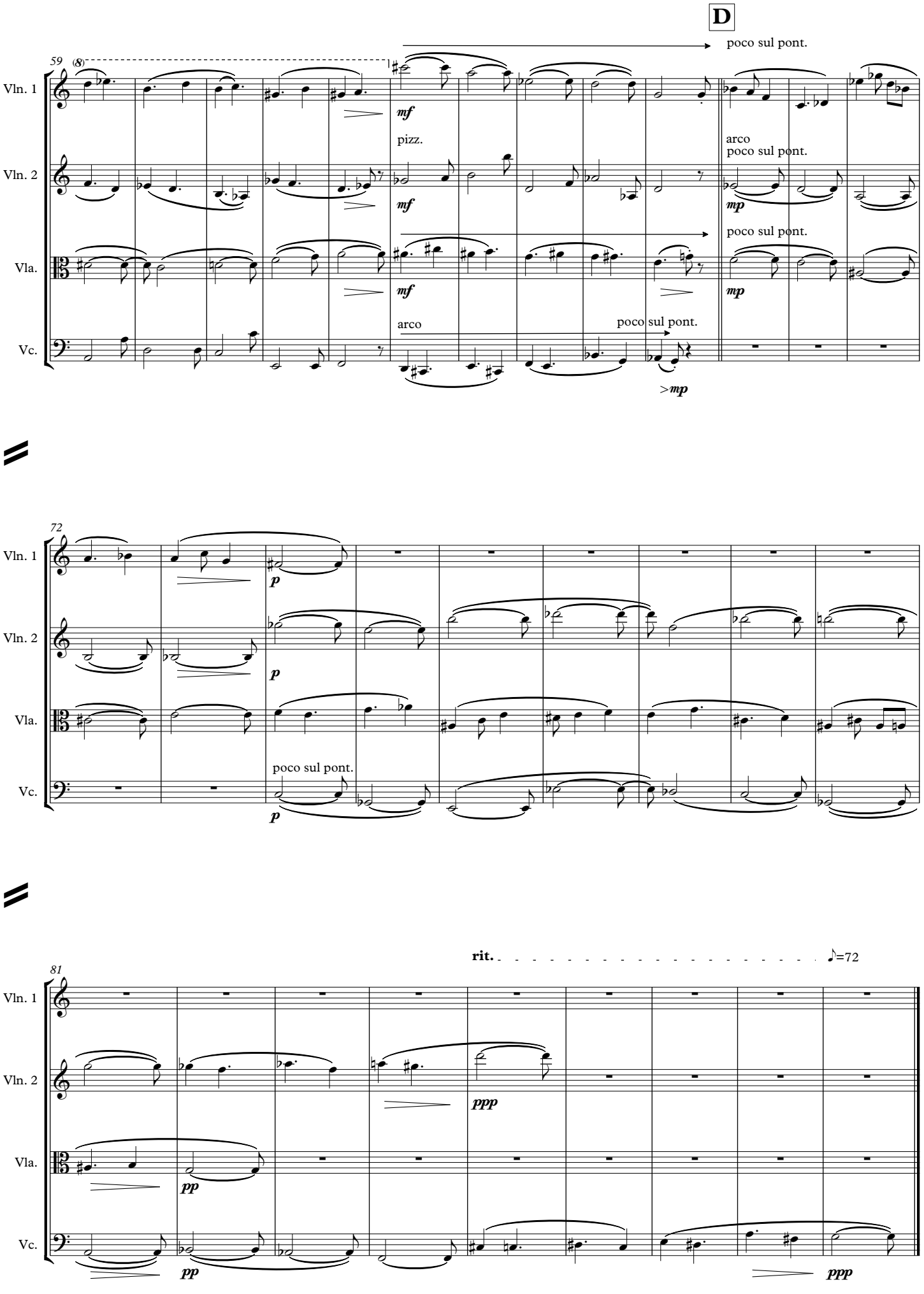
(for string quartet)

Movement Two

Michael McNeilis




37
Vln. 1
Vln. 2
Vla.
Vc.
fff
ff
col legno
arco
poco sul tasto
ff
45
Vln. 1
Vln. 2
Vla.
Vc.
ff
fff
arco
poco sul tasto
fff
ord.
pizz.
C
rit.
♪=88
Tempo primo
51
8va
Vln. 1
Vln. 2
Vla.
Vc.
fff
ord.
f
ord.
ff
col legno
arco
ord.
f
pizz.
ord.
arco
fff
f


D
poco sul pont.
59
(8)
Vln. 1
Vln. 2
Vla.
Vc.
mf
pizz.
arco
poco sul pont.
mp
>mp
72
p
72
81
rit.
♪=72
pp
ppp

Space Ripple

for solo electric guitar and tape

(2013-2016)

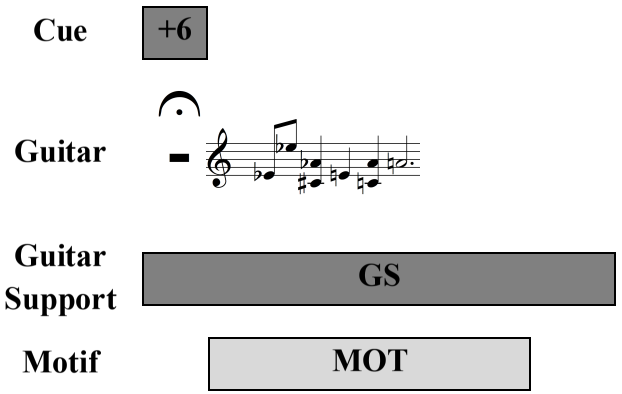
ca. 8’15

Michael McNeilis

Performance Key

Cue = Time (in seconds) that the performer waits before playing the next guitar phrase: +4 means to wait 4 seconds, for example
Guitar = Live guitar part notation
GS = Guitar Support – Rolling crescendo immediately before a guitar phrase, or a downbeat emphasis towards the end of a phrase
MOT = Motif – The main recurring motif with heavy reverb and other effects
ARP = Arpeggiator – Arpeggiator of set 5-Z17 played to signal the start of each section
CS3 = Cells of Size 3 – Low frequency two-note gesture and swelling e-bow
CS4 = Cells of Size 4 – Low frequency pitch bend swelling, high frequency e-bow and chordal delays
CS5 = Cells of Size 5 – Glissando, repeated natural guitar notes and high frequency piercing notes
HAR = Harmony – Sustained pad-like chord provided by sets 4-14, 4-19 and 5-Z17

The performer is to follow timecode displayed in the accompanying software and use cue points highlighted in darker shading in the score. For example, the below passage indicates that the guitarist should perform the guitar phrase 6 seconds after the guitar support sound is played.

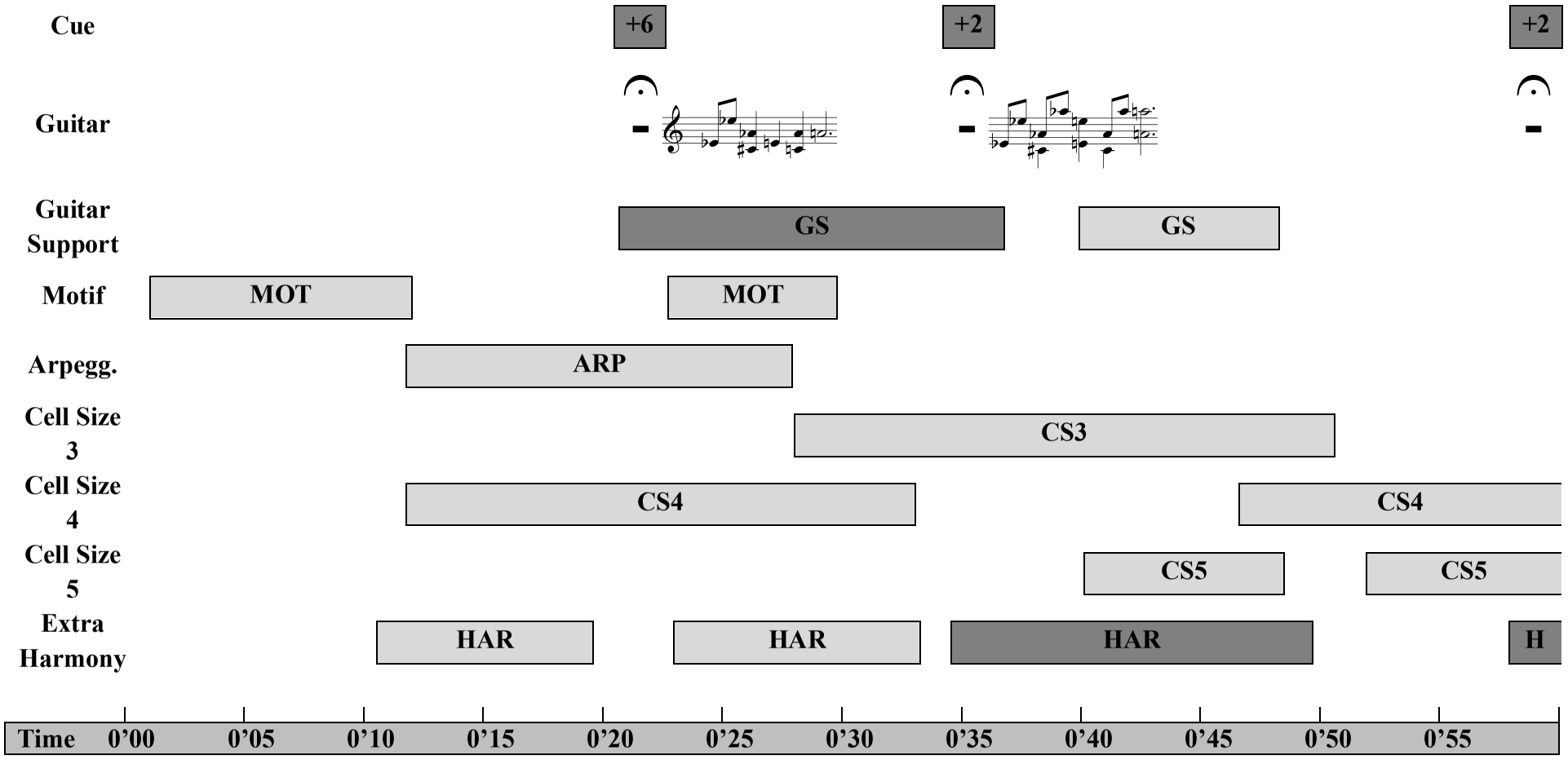


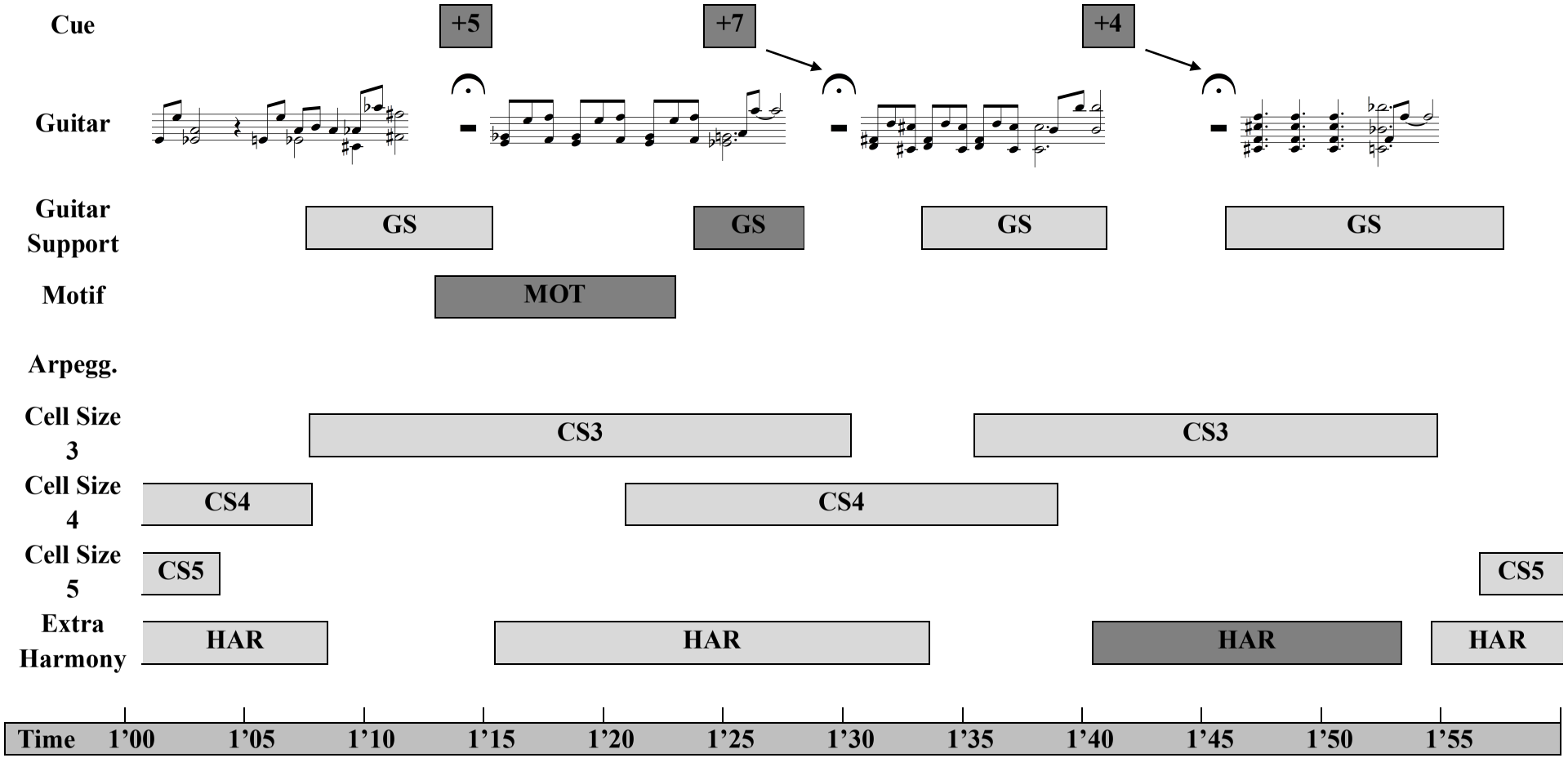
Accidentals are naturalised after each guitar phrase

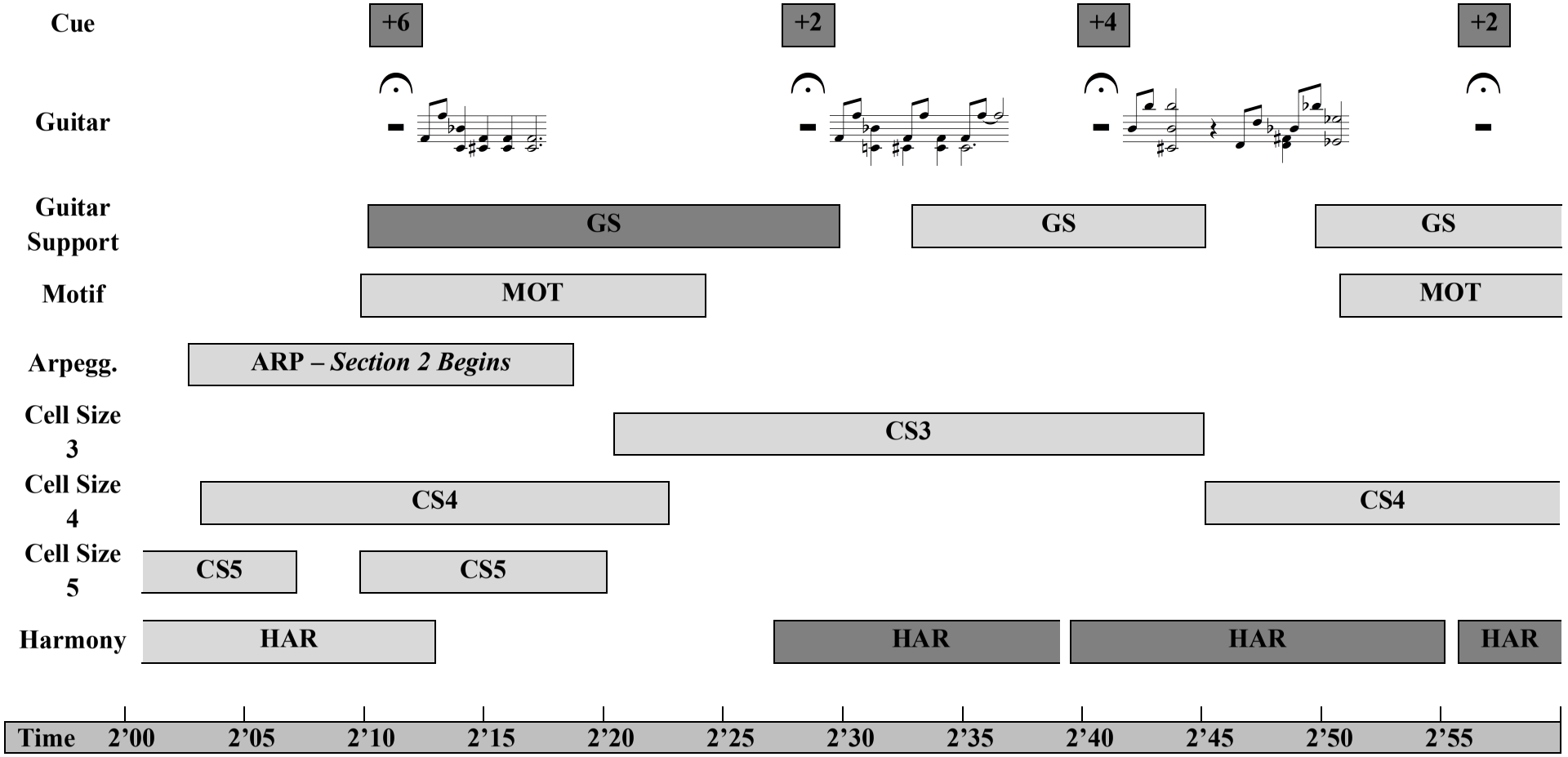
Space Ripple

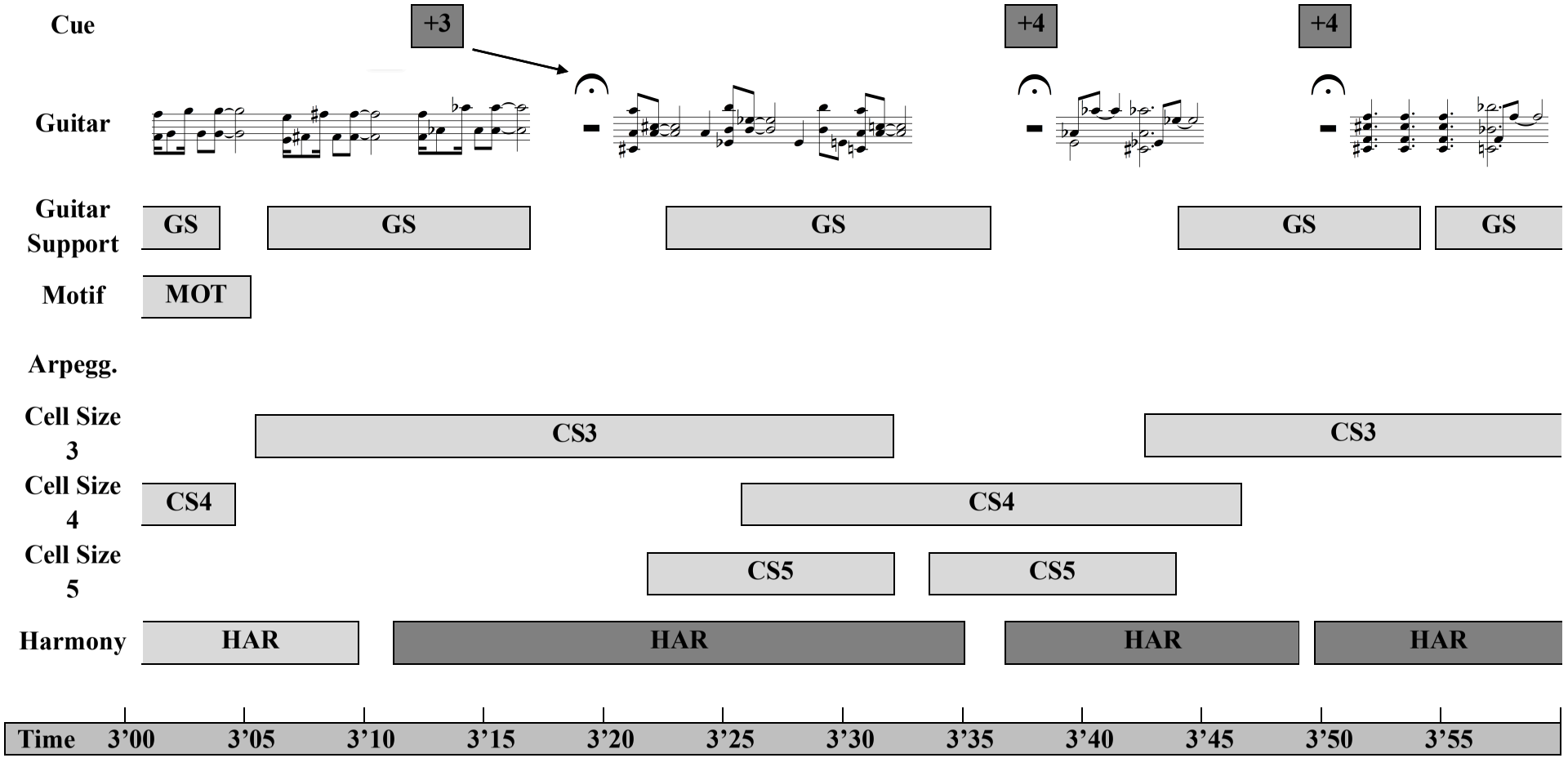
Michael McNeilis

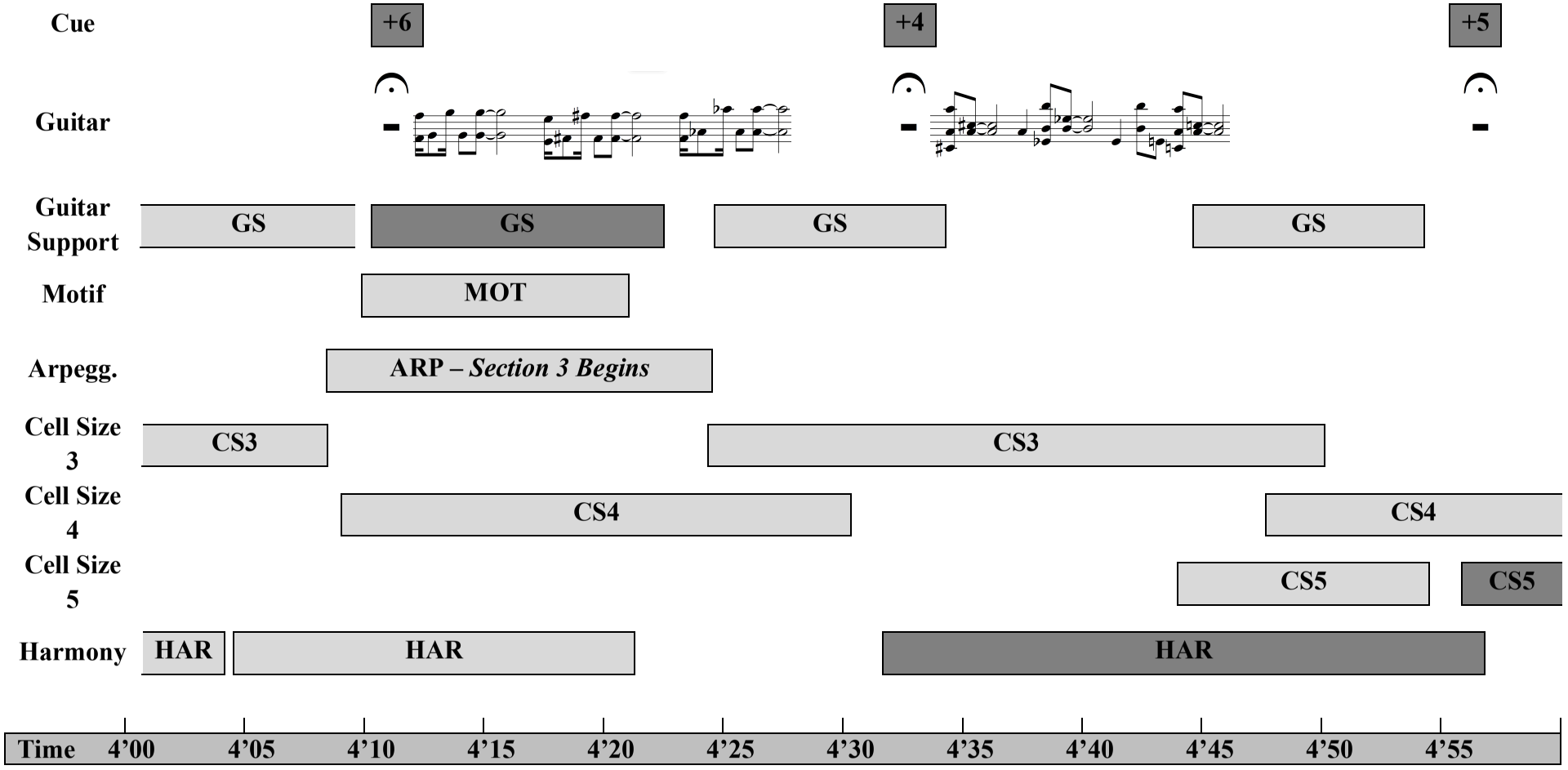
♩=76 *Fingerpicked softly throughout* *Concrete audio dynamics:* ***pp*** < ***p***

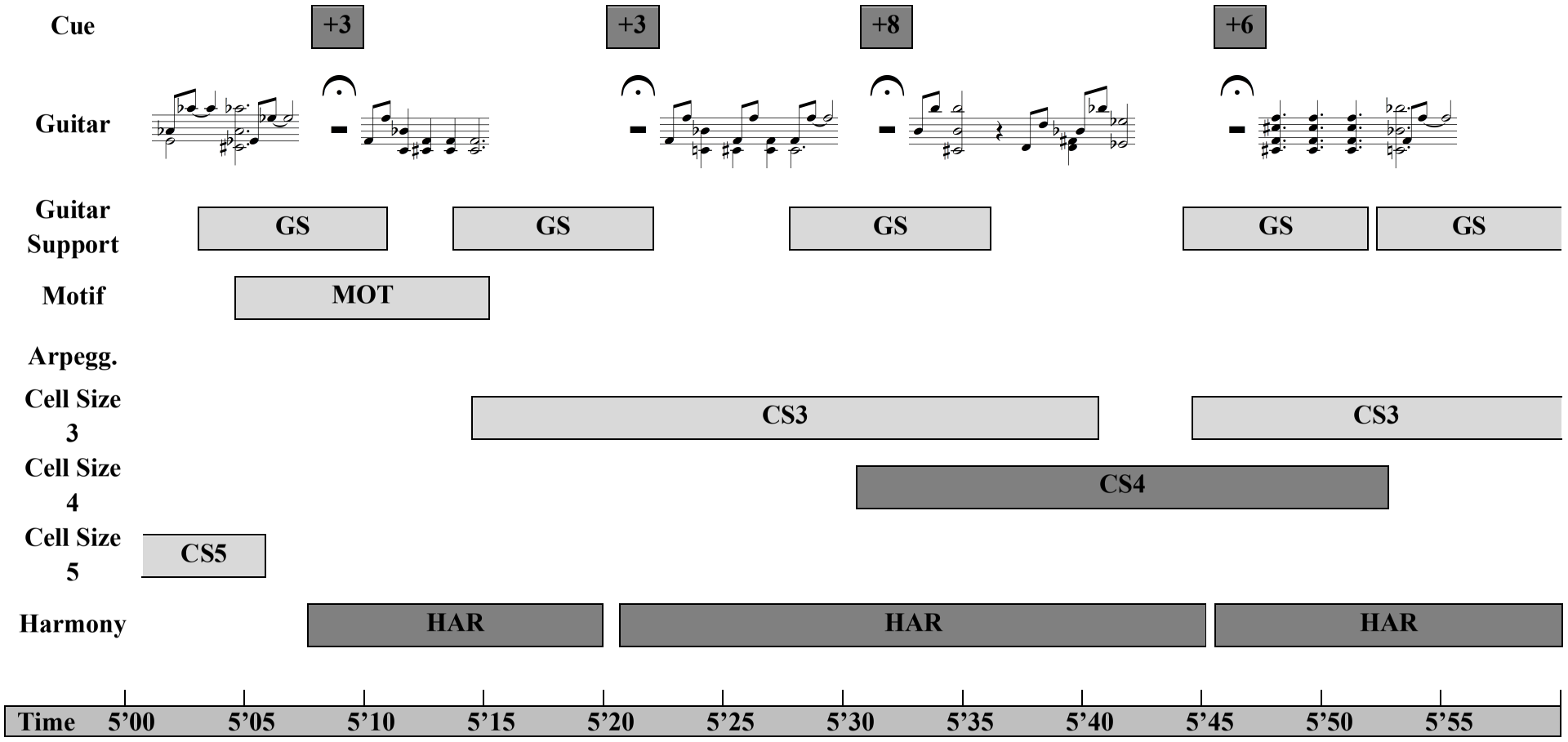


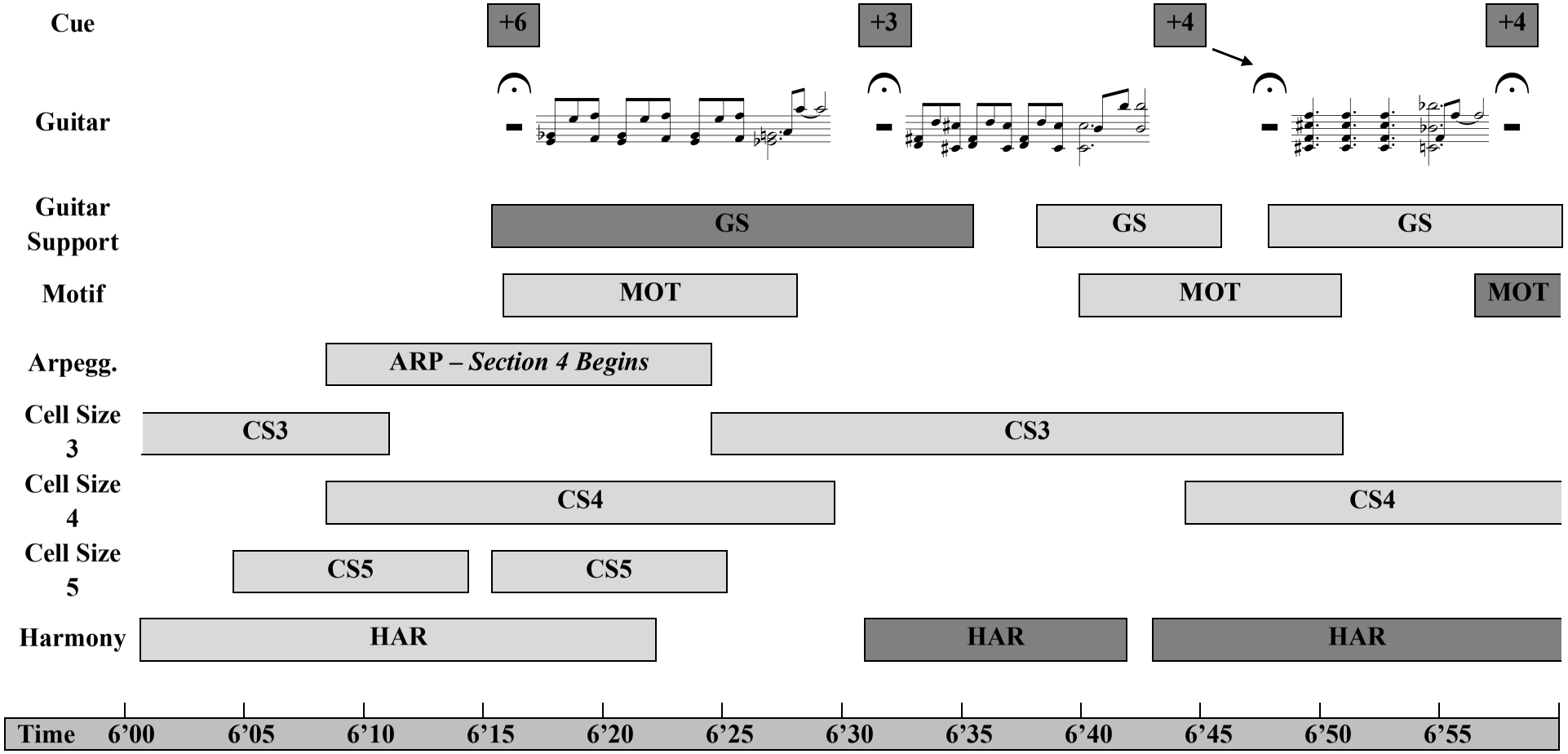

Cue
+5
+7
+4
Guitar
Guitar Support
GS
GS
GS
GS
Motif
MOT
Arpegg.
Cell Size 3
CS3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Extra Harmony
HAR
HAR
HAR
HAR
Time
1'00
1'05
1'10
1'15
1'20
1'25
1'30
1'35
1'40
1'45
1'50
1'55

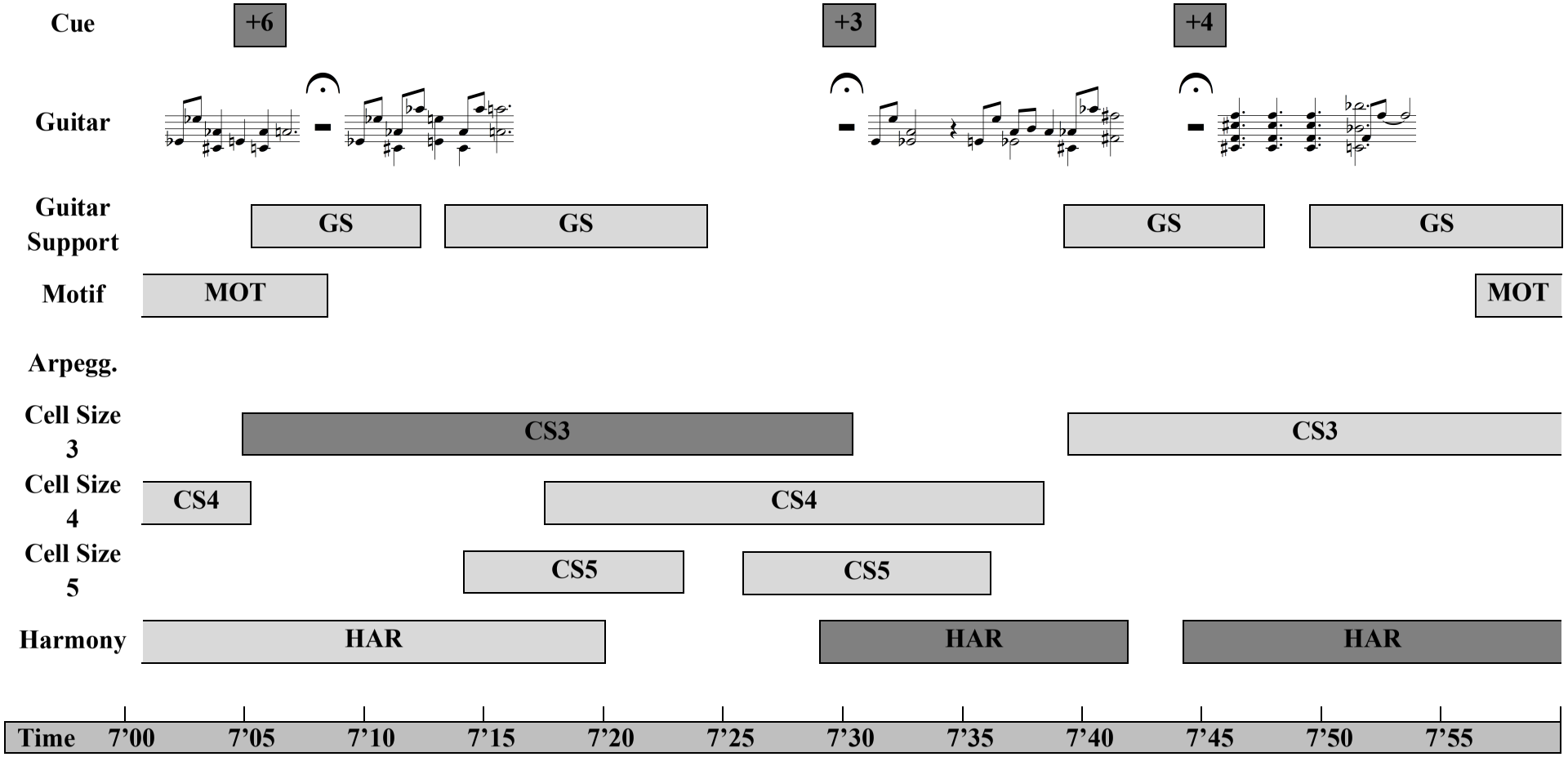

Cue
+6
+2
+4
+2
Guitar
Guitar Support
GS
GS
GS
Motif
MOT
MOT
Arpegg.
ARP – Section 2 Begins
Cell Size 3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Harmony
HAR
HAR
HAR
HAR
Time
2'00
2'05
2'10
2'15
2'20
2'25
2'30
2'35
2'40
2'45
2'50
2'55

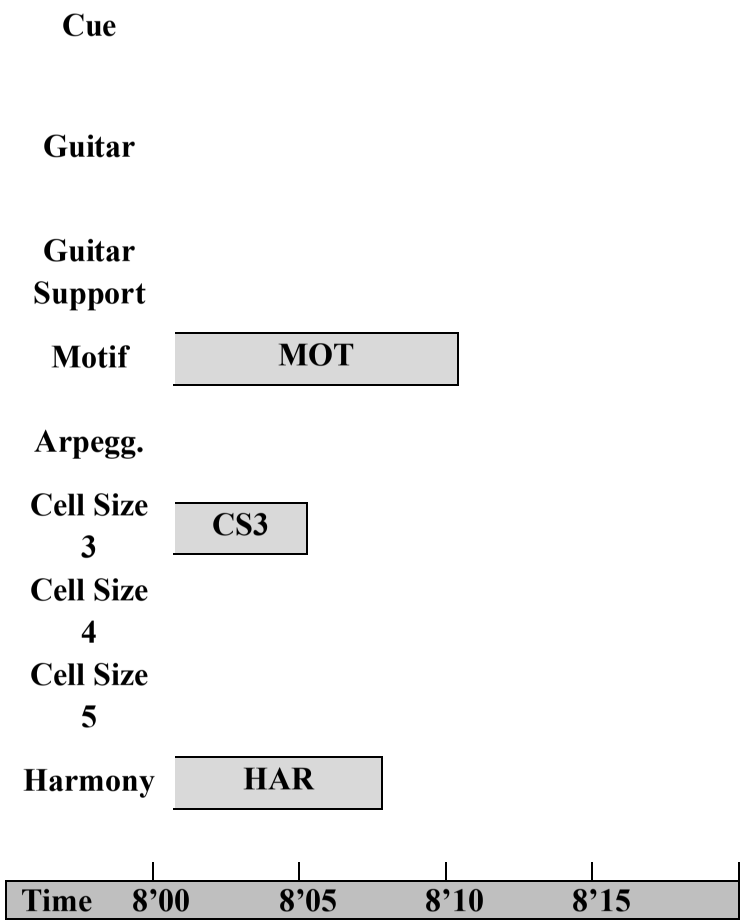

Cue
+3
+4
+4
Guitar
Guitar Support
GS
GS
GS
GS
GS
Motif
MOT
Arpegg.
Cell Size 3
CS3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Harmony
HAR
HAR
HAR
HAR
Time
3'00
3'05
3'10
3'15
3'20
3'25
3'30
3'35
3'40
3'45
3'50
3'55


Cue
+6
+4
+5
Guitar
Guitar Support
GS
GS
GS
GS
Motif
MOT
Arpegg.
ARP – Section 3 Begins
Cell Size 3
CS3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Harmony
HAR
HAR
HAR
Time
4'00
4'05
4'10
4'15
4'20
4'25
4'30
4'35
4'40
4'45
4'50
4'55


Cue
+3
+3
+8
+6
Guitar
Guitar Support
GS
GS
GS
GS
GS
Motif
MOT
Arpegg.
Cell Size 3
CS3
CS3
Cell Size 4
CS4
Cell Size 5
CS5
Harmony
HAR
HAR
HAR
Time
5'00
5'05
5'10
5'15
5'20
5'25
5'30
5'35
5'40
5'45
5'50
5'55


Cue
+6
+3
+4
+4
Guitar
Guitar Support
GS
GS
GS
Motif
MOT
MOT
MOT
Arpegg.
ARP – *Section 4 Begins*
Cell Size 3
CS3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Harmony
HAR
HAR
HAR
Time
6'00
6'05
6'10
6'15
6'20
6'25
6'30
6'35
6'40
6'45
6'50
6'55


Cue
+6
+3
+4
Guitar
Guitar Support
GS
GS
GS
GS
Motif
MOT
MOT
Arpegg.
Cell Size 3
CS3
CS3
Cell Size 4
CS4
CS4
Cell Size 5
CS5
CS5
Harmony
HAR
HAR
HAR
Time
7'00
7'05
7'10
7'15
7'20
7'25
7'30
7'35
7'40
7'45
7'50
7'55


Cue
Guitar
Guitar Support
Motif
MOT
Arpegg.
Cell Size 3
CS3
Cell Size 4
Cell Size 5
Harmony
HAR
Time
8'00
8'05
8'10
8'15

Three Minds Fractured

for brass sextet

(2013-2016)

Score in C

Michael McNeilis

Three Minds Fractured

for brass sextet

(2013-2016)

ca. 8’25

Score in C

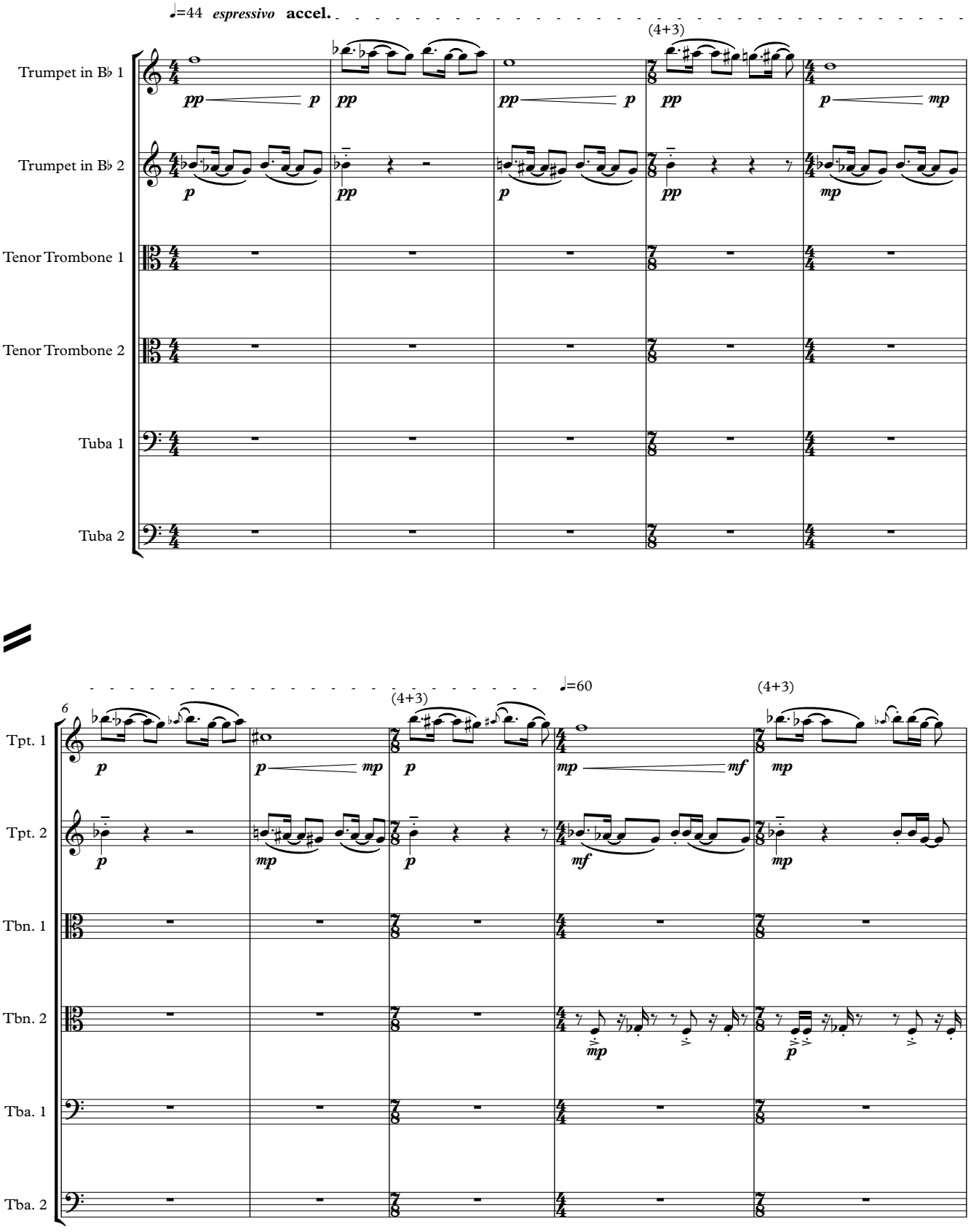
Instrumentation:

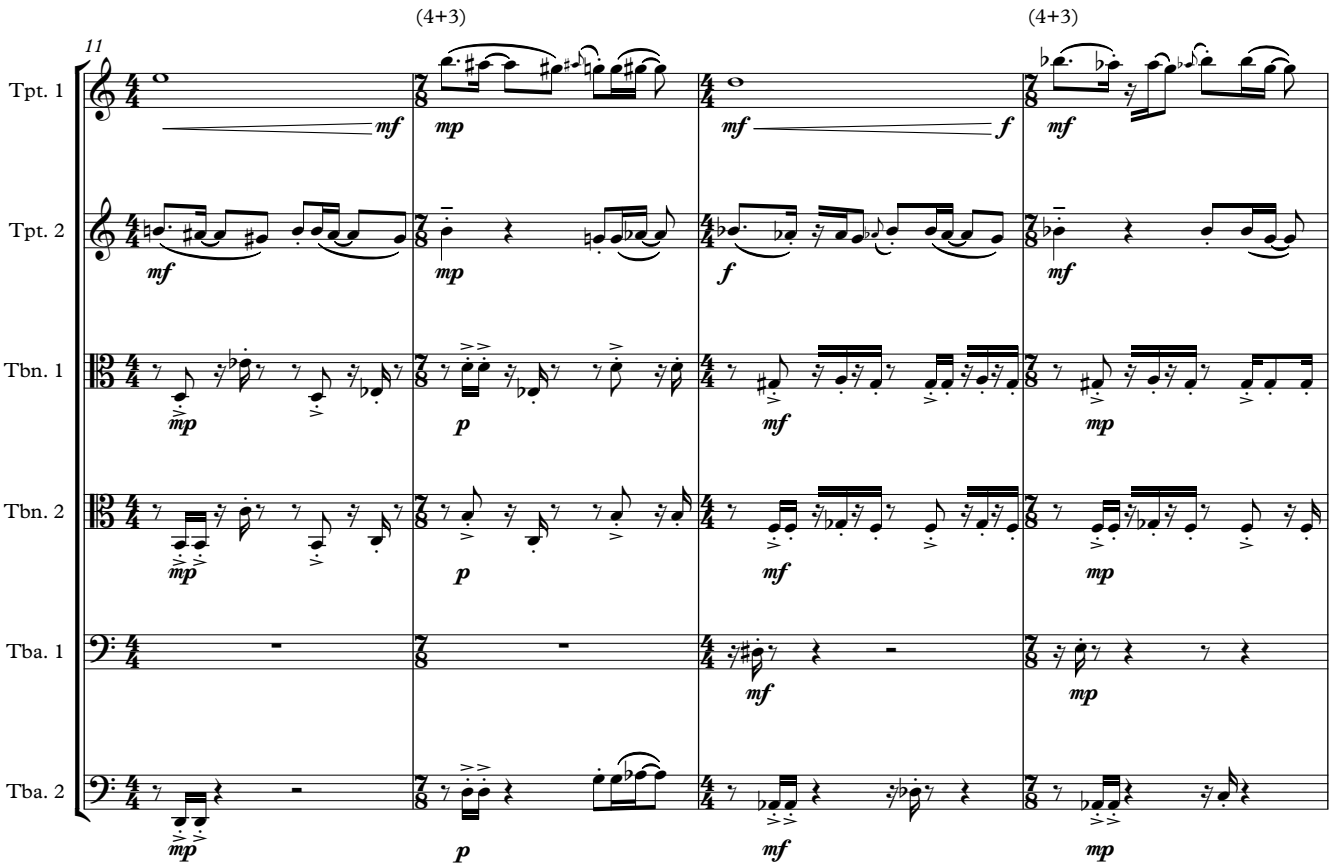
trumpet in B♭ x 2
tenor trombone x 2
tuba x 2

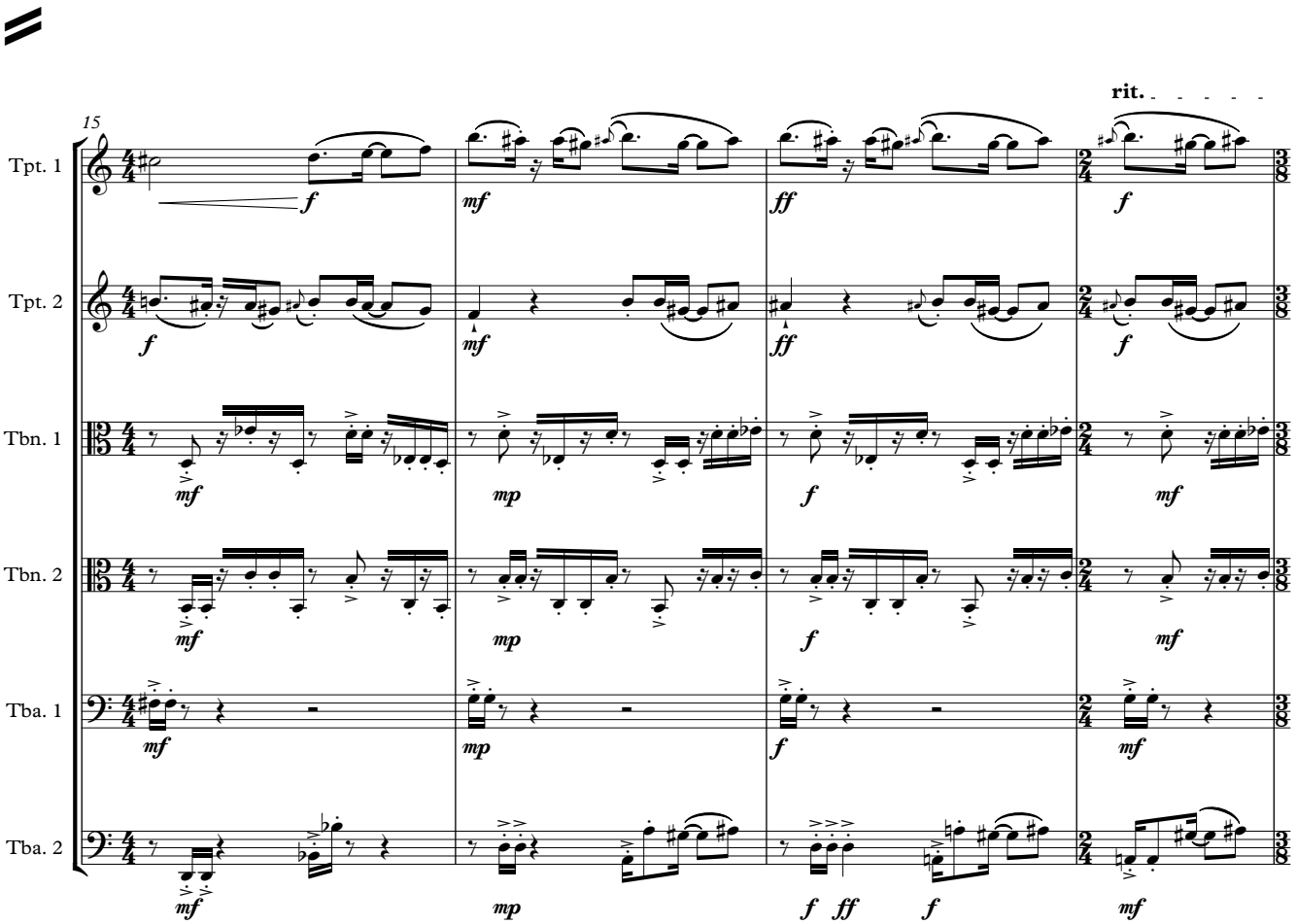
Three Minds Fractured

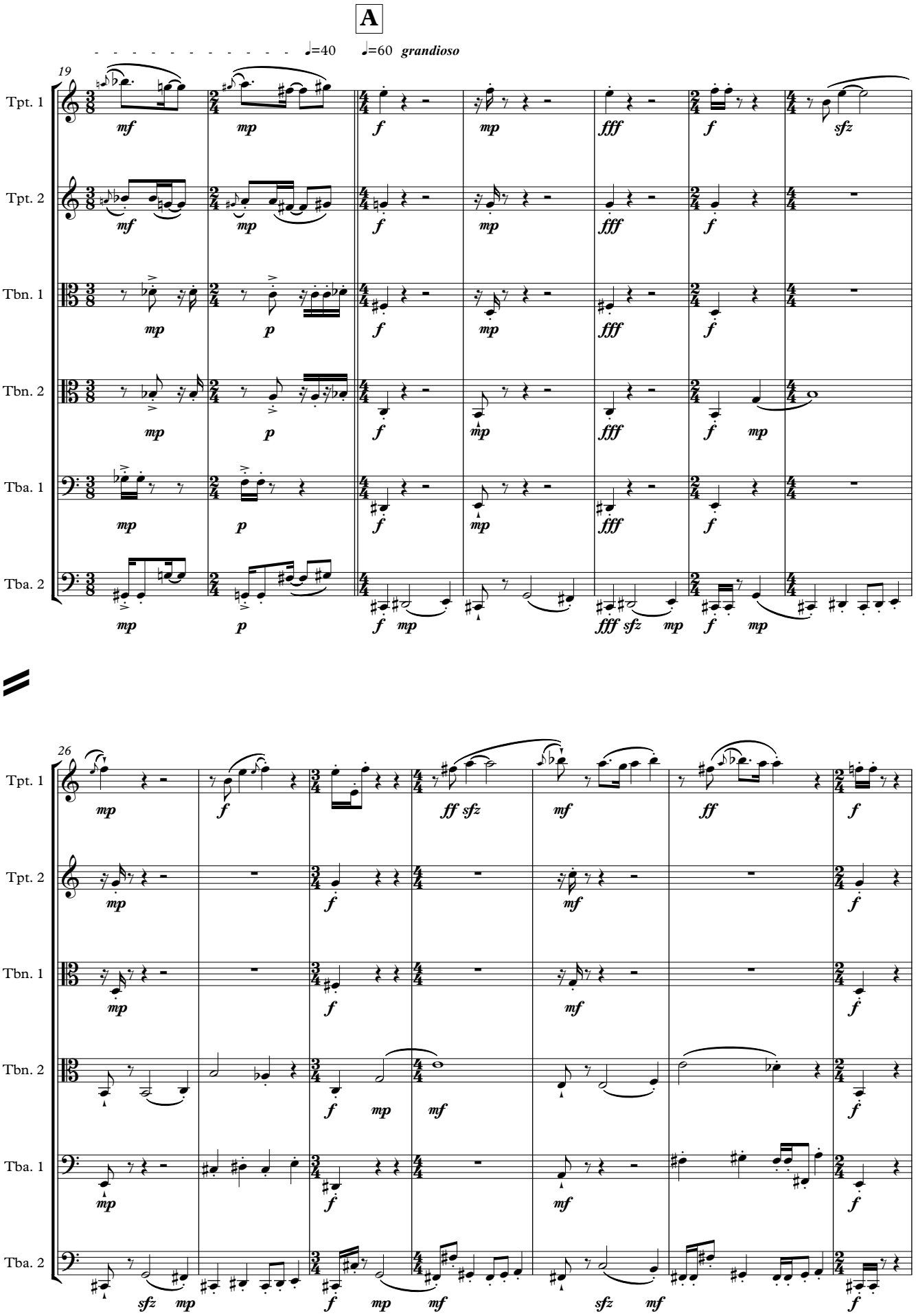
(for brass sextet)

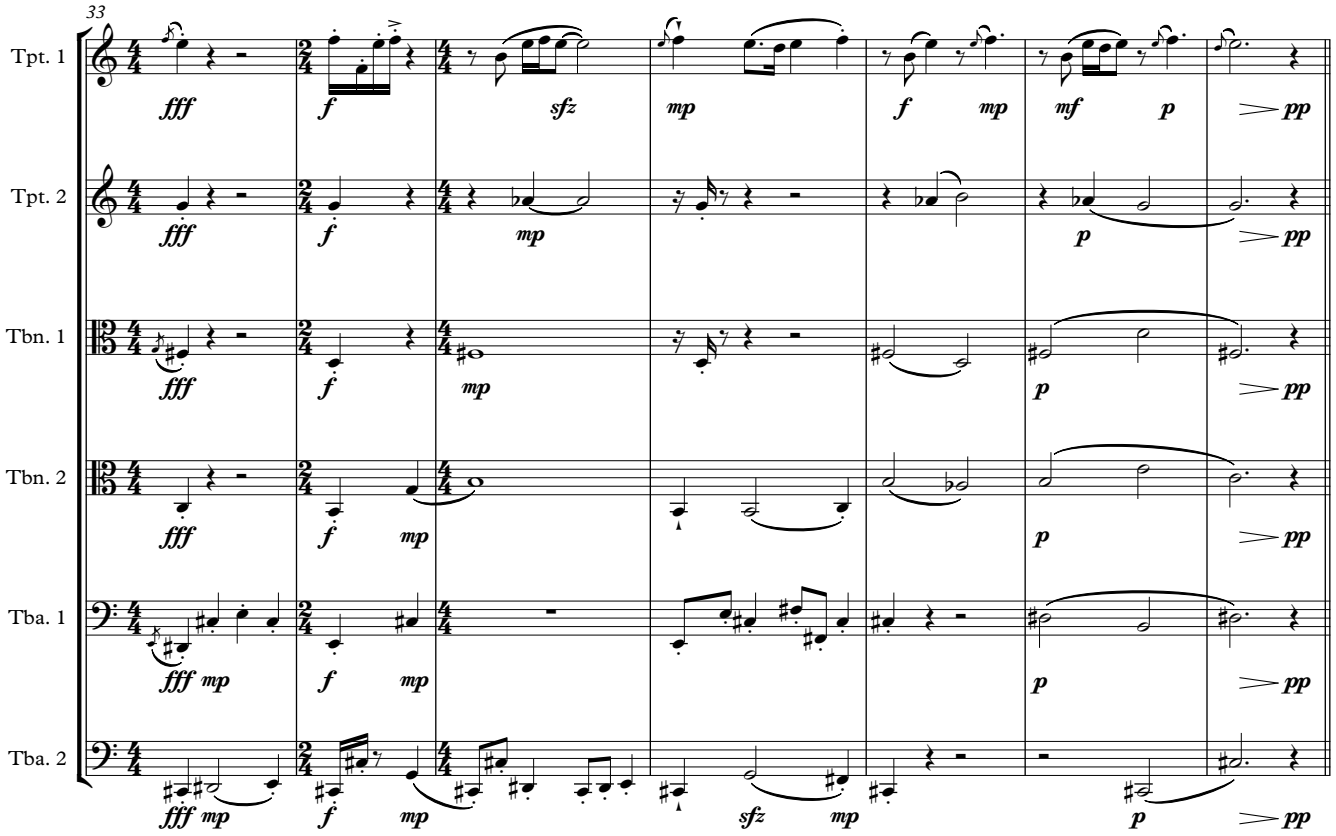
Michael McNeilis




11
(4+3)
(4+3)
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2

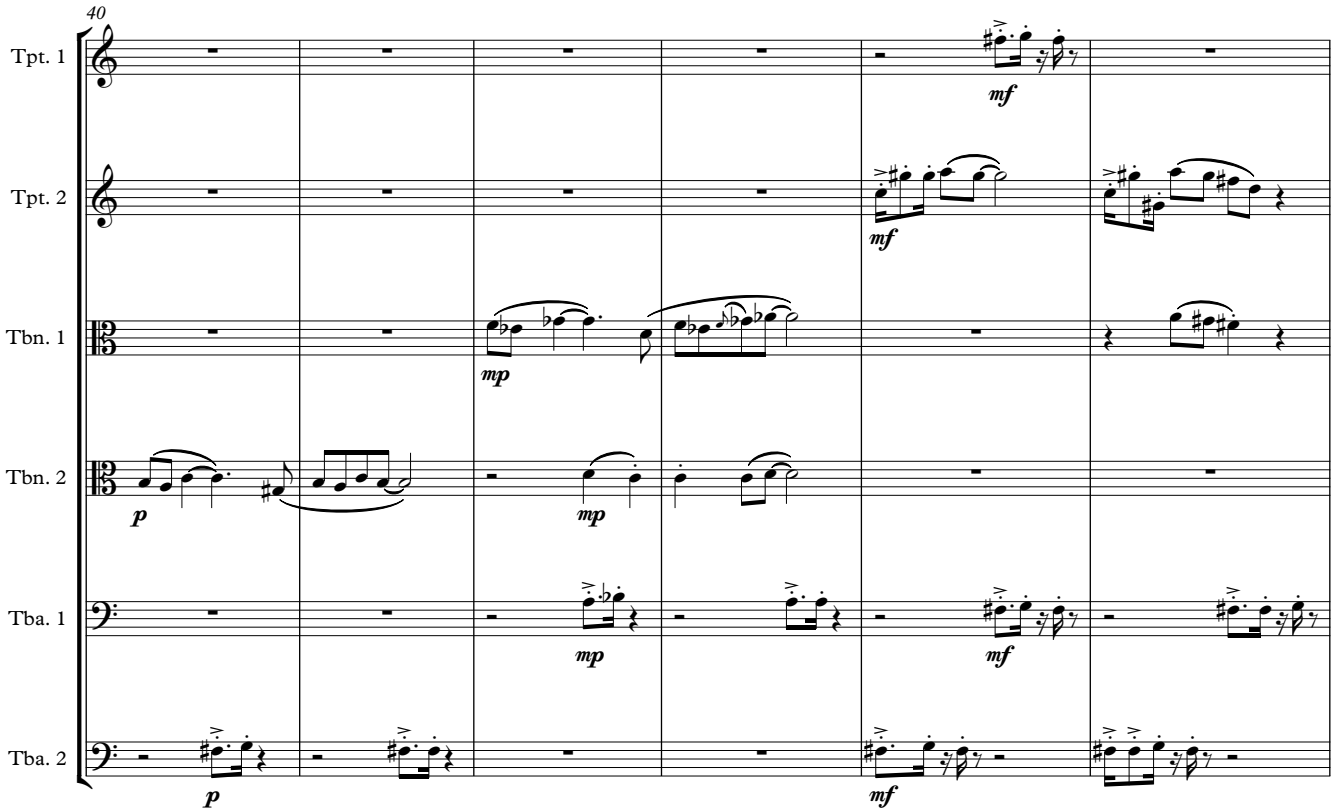

15
rit.
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2

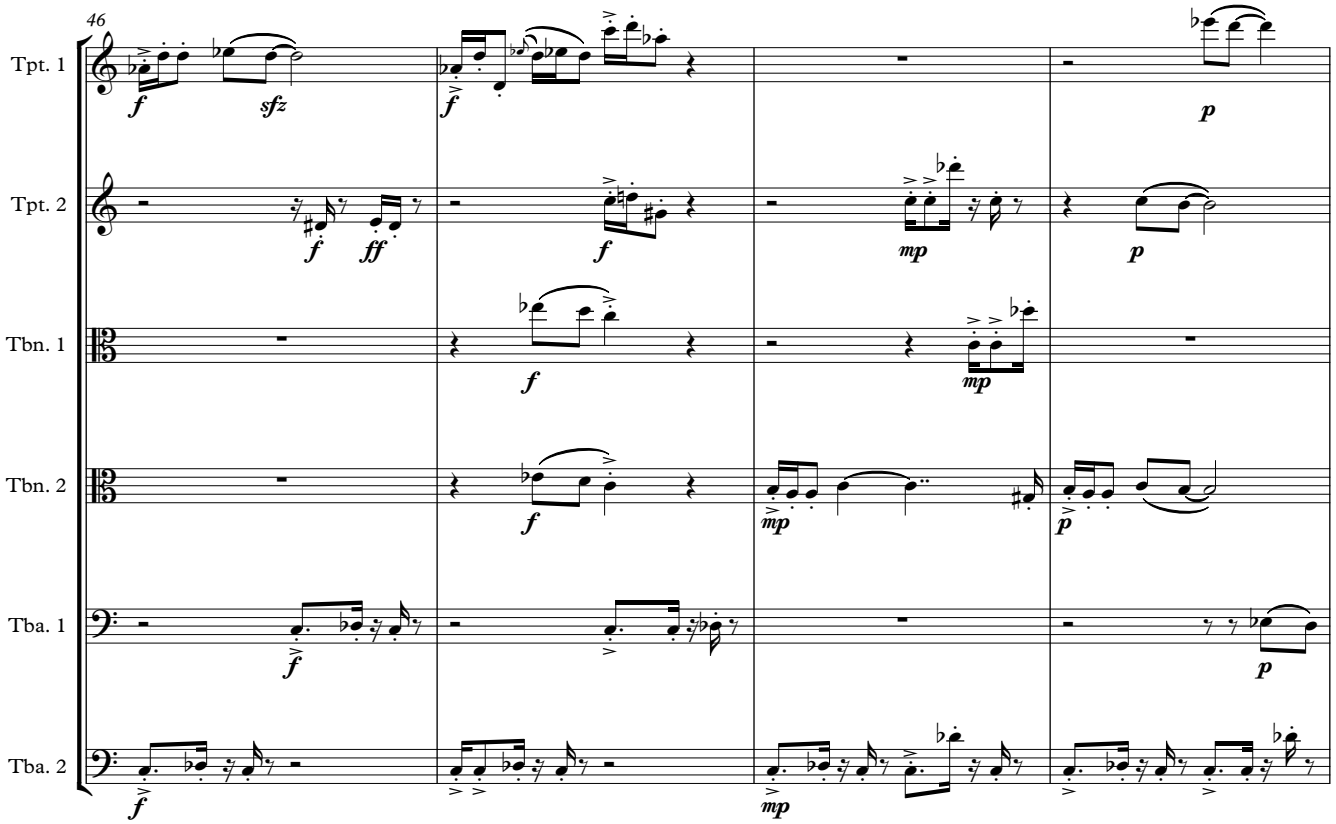

A
♩=40
♩=60 grandioso
19
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
26

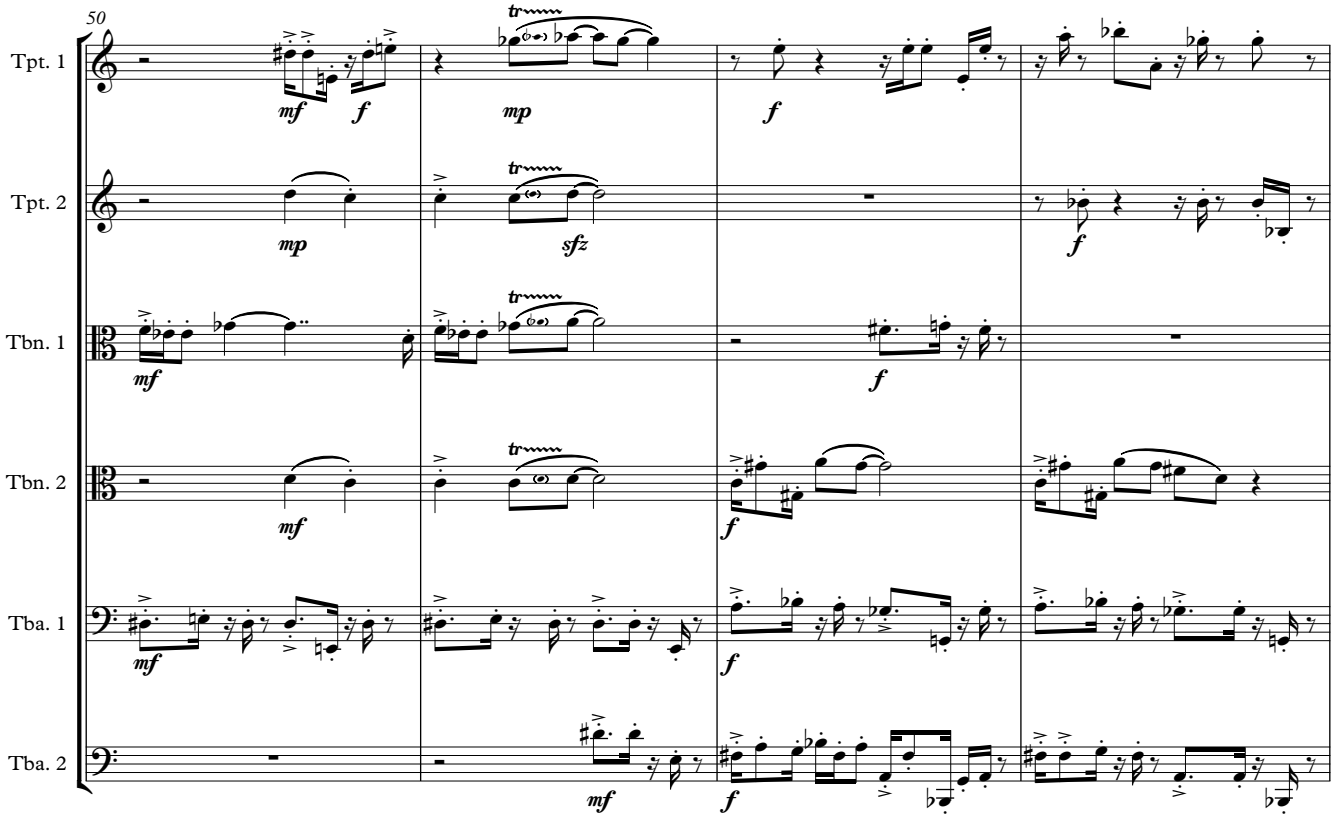

33
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
fff
f
sfz
mp
mf
p
pp

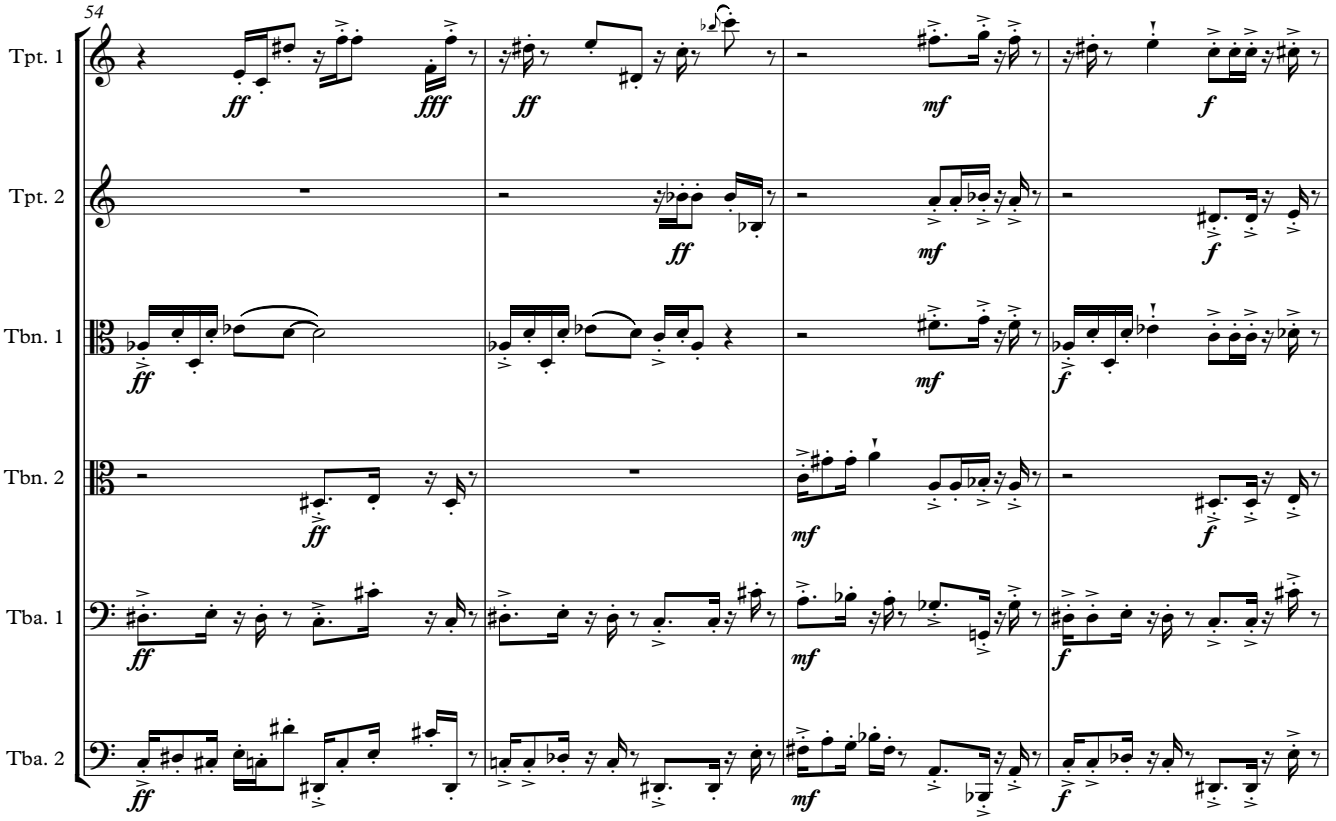
B

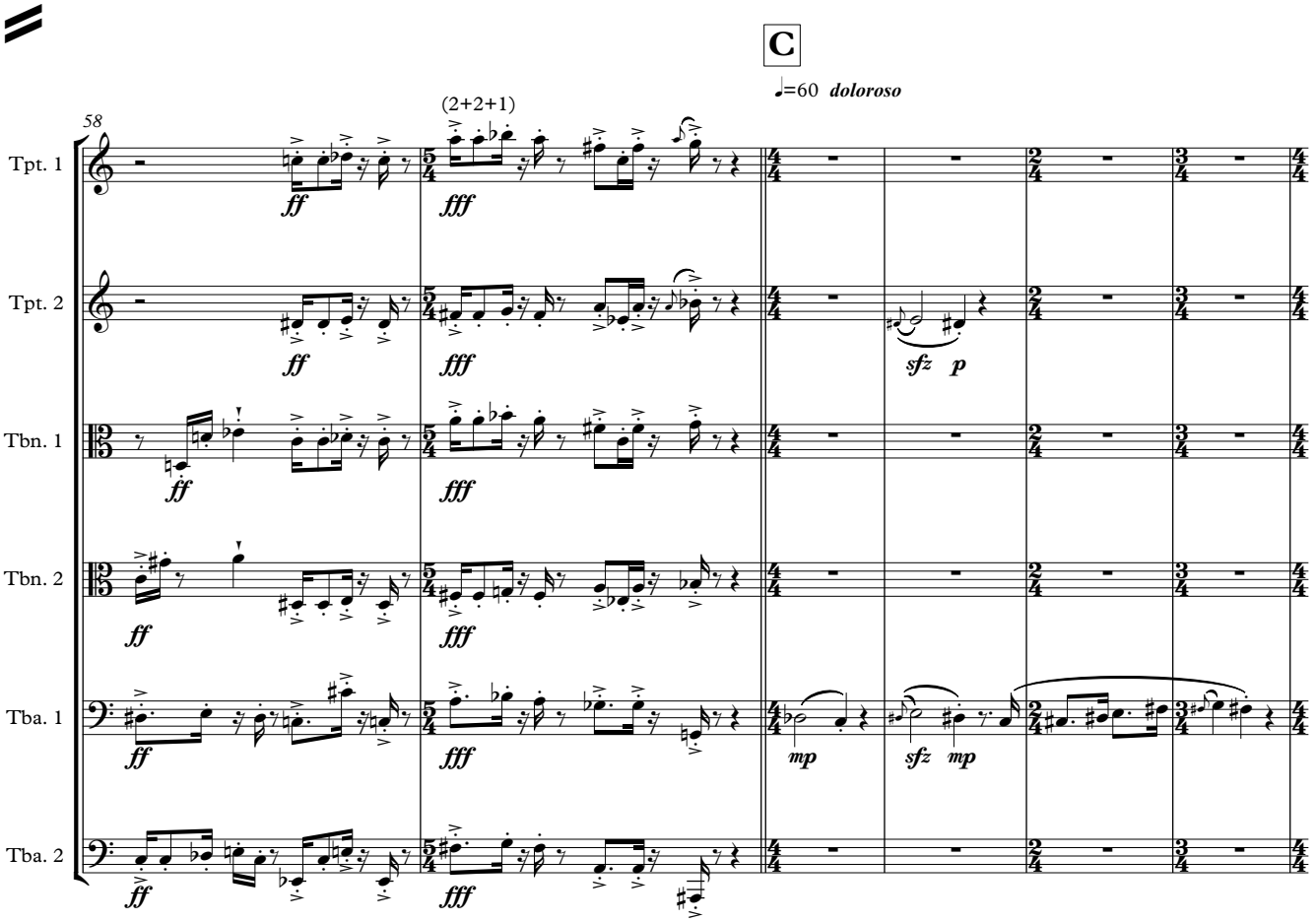
♩=80 *animato*

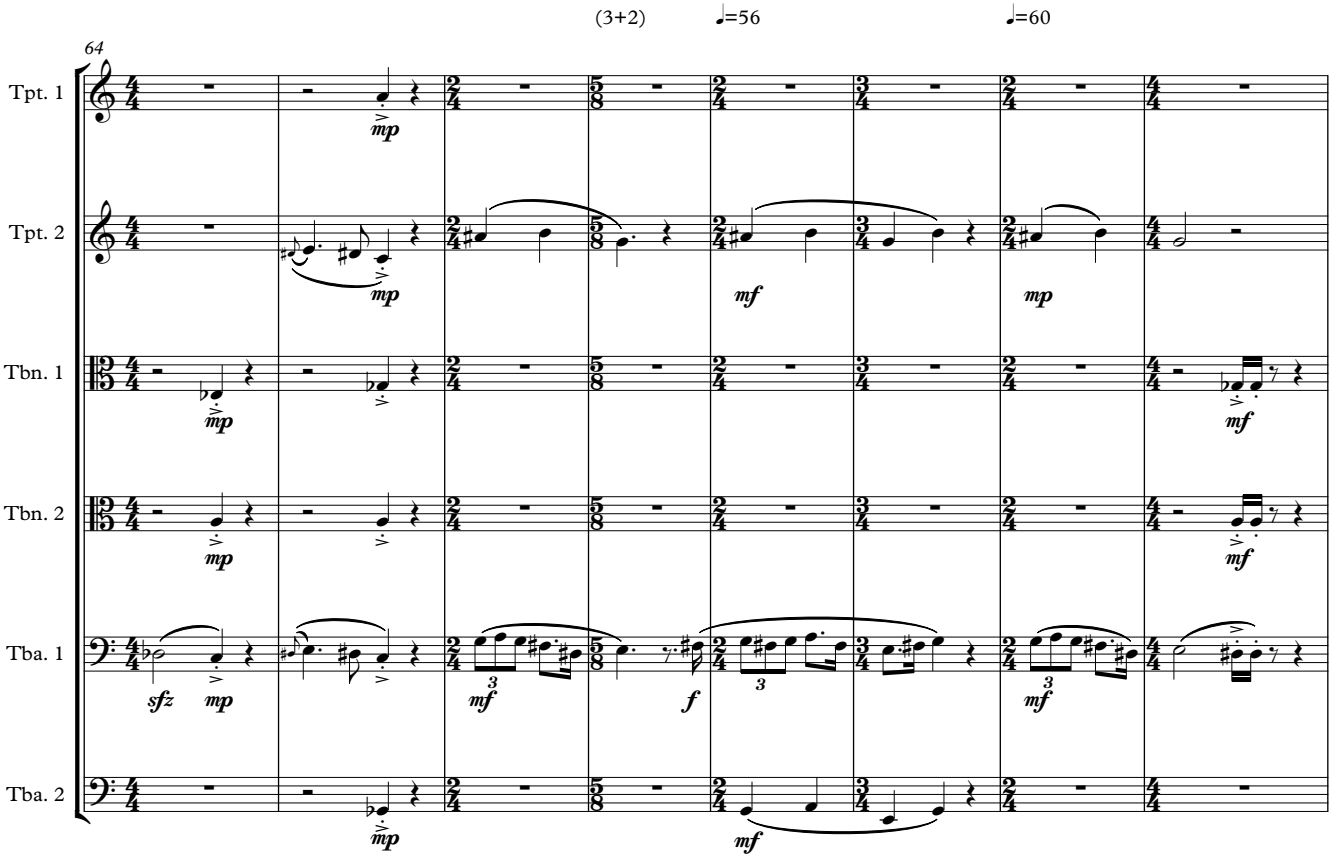

40
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
p
mp
mf

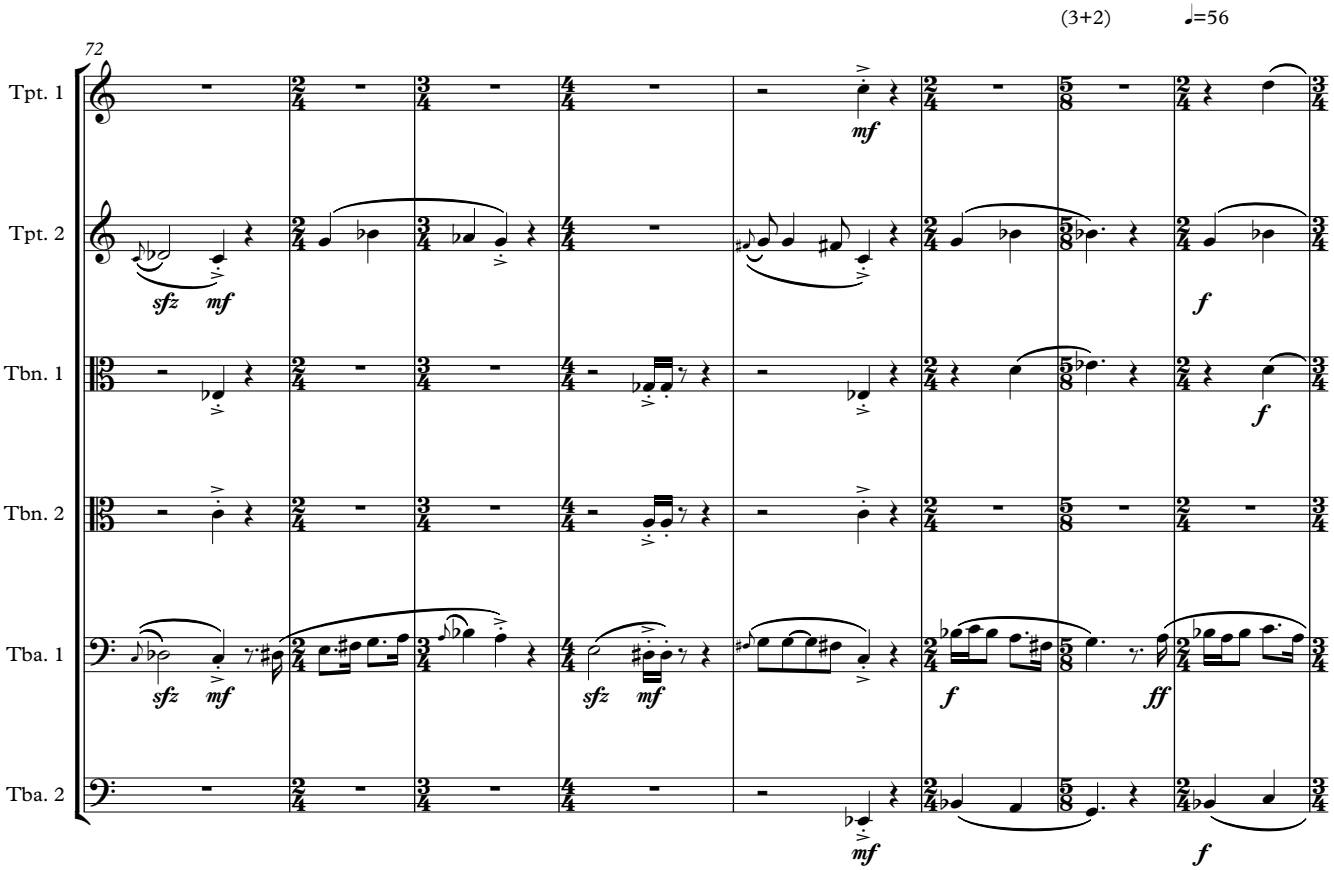

46
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
f
sfz
ff
mp
p


50
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
mf
f
mp
sfz
tr


54
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
ff
fff
mf
f

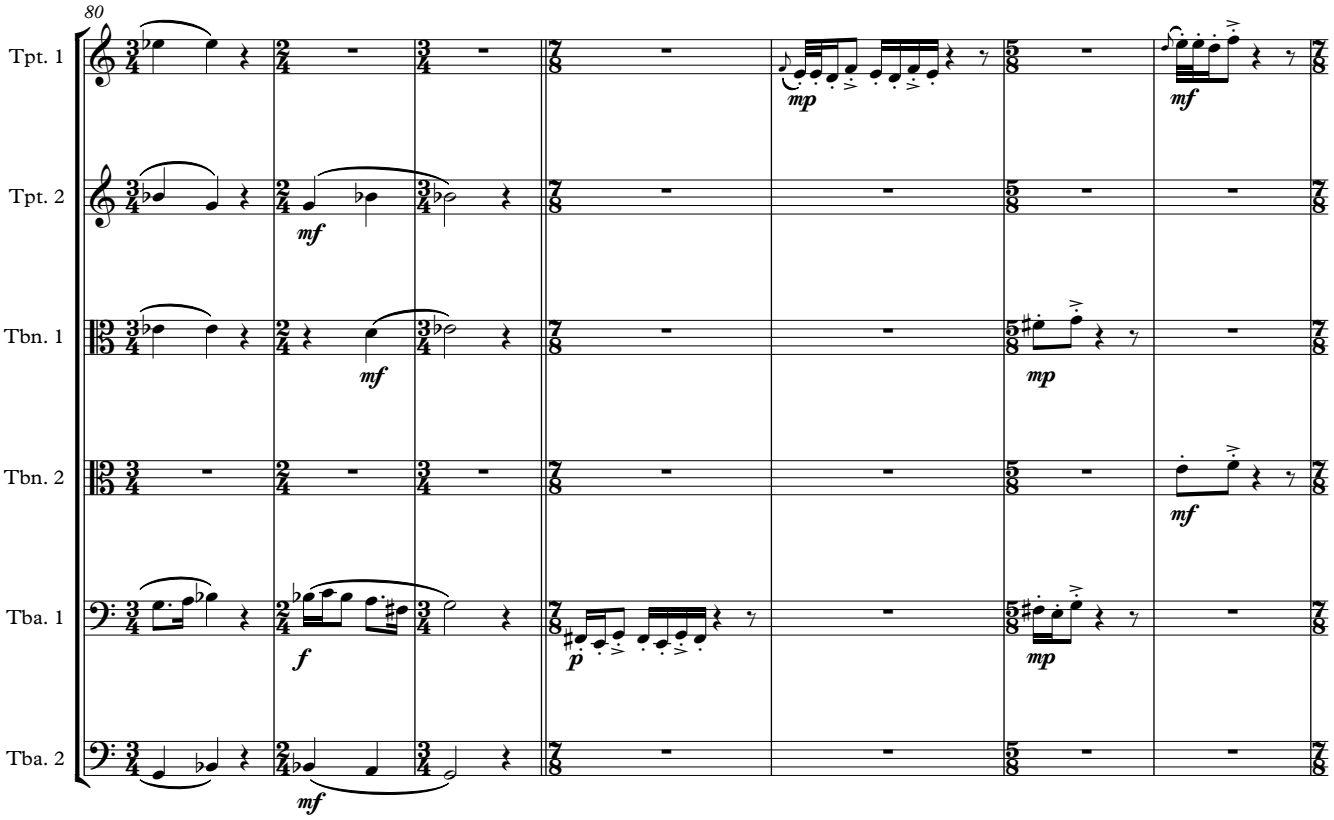

C
♩=60 doloroso
58
(2+2+1)
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
ff
fff
sfz
p
mp


(3+2)
♩=56
♩=60
64
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
mp
mf
sfz
f

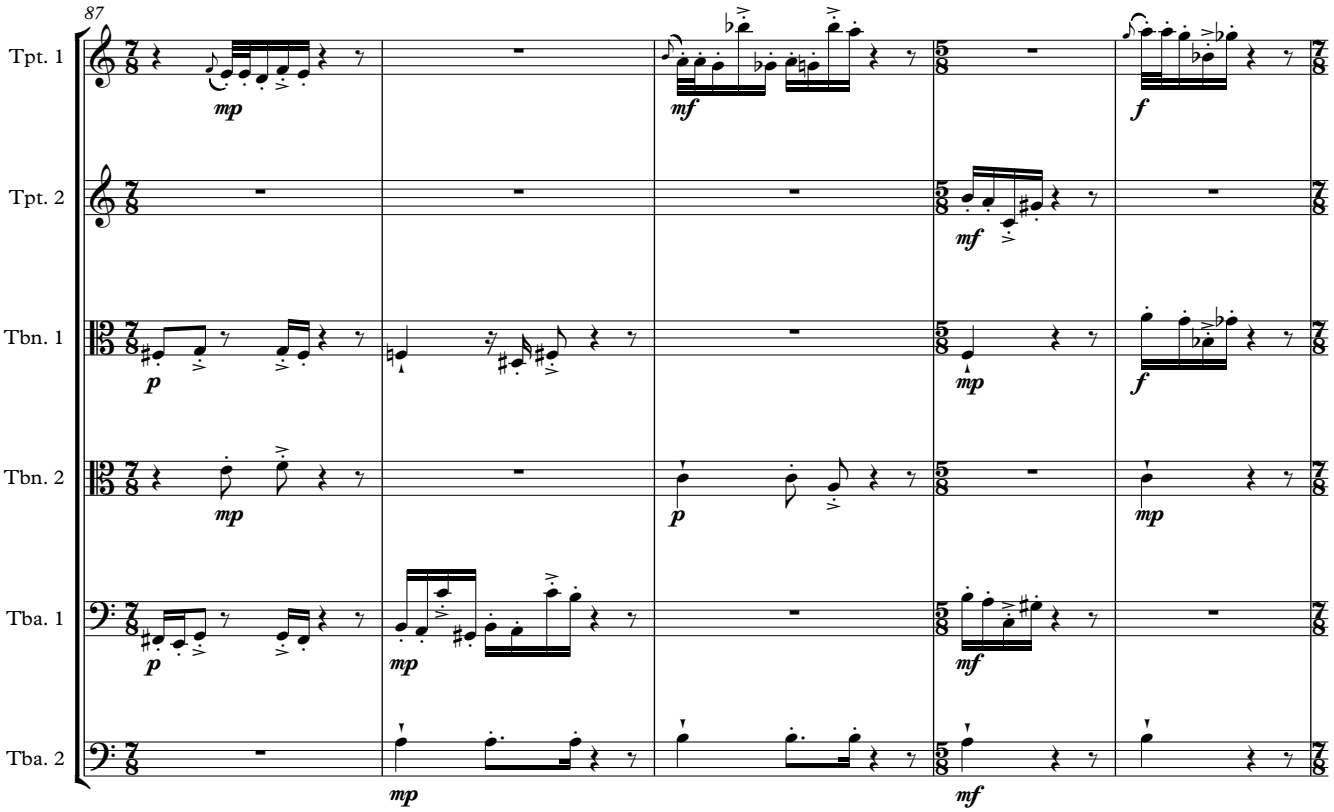

(3+2)
♩=56
72
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
sfz
mf
f
ff

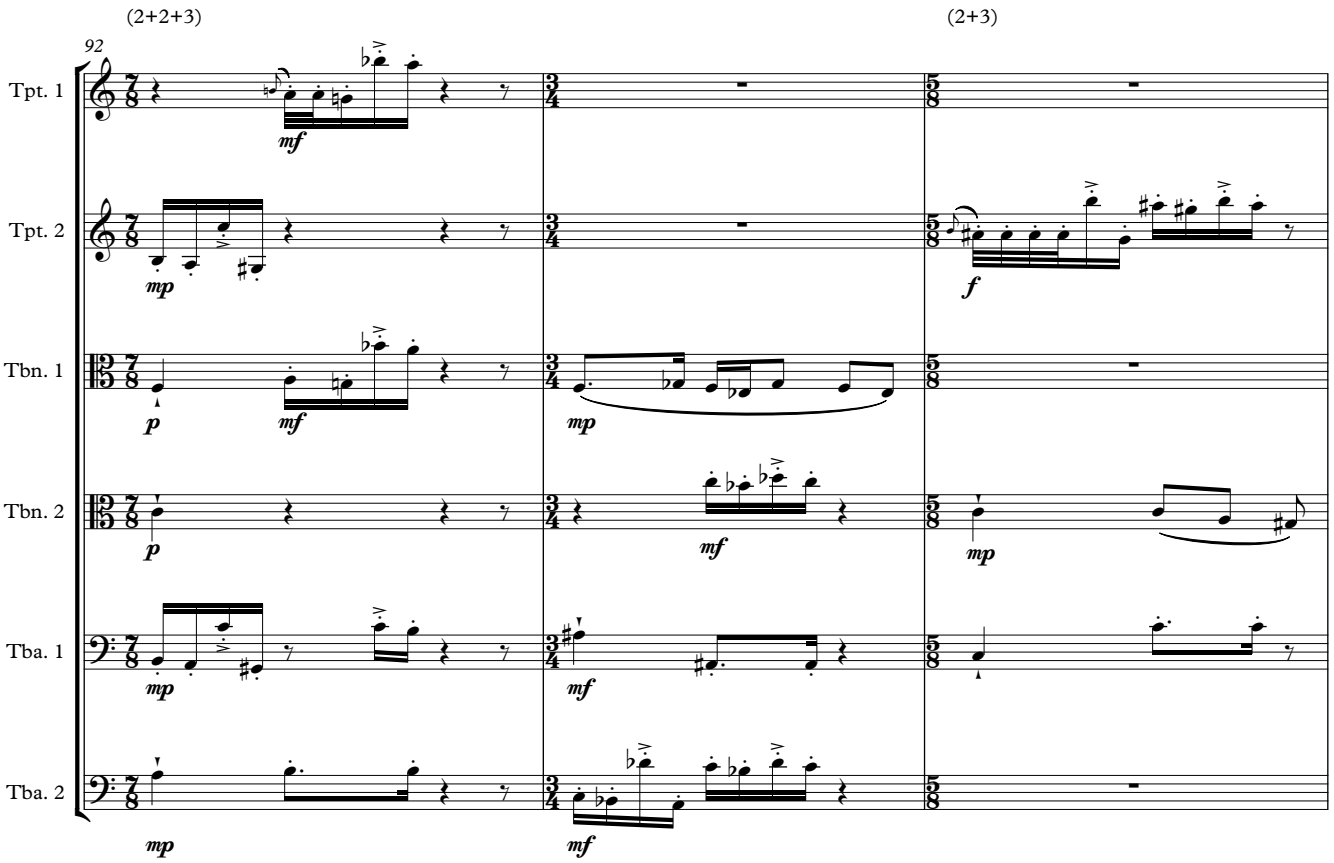
D

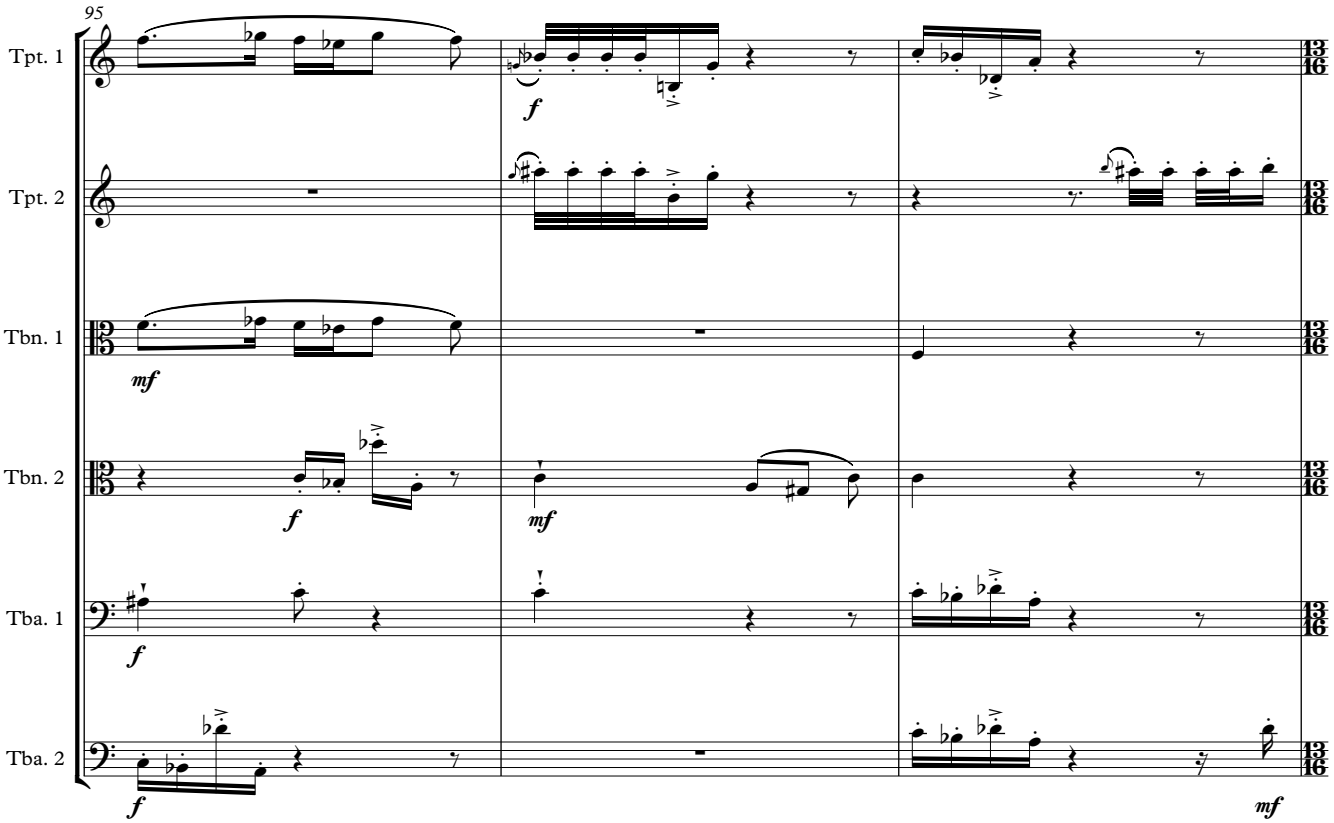
♩=60 **rit.** ♩=50 ♩=69 (2+2+3) ***animato*** (2+3)

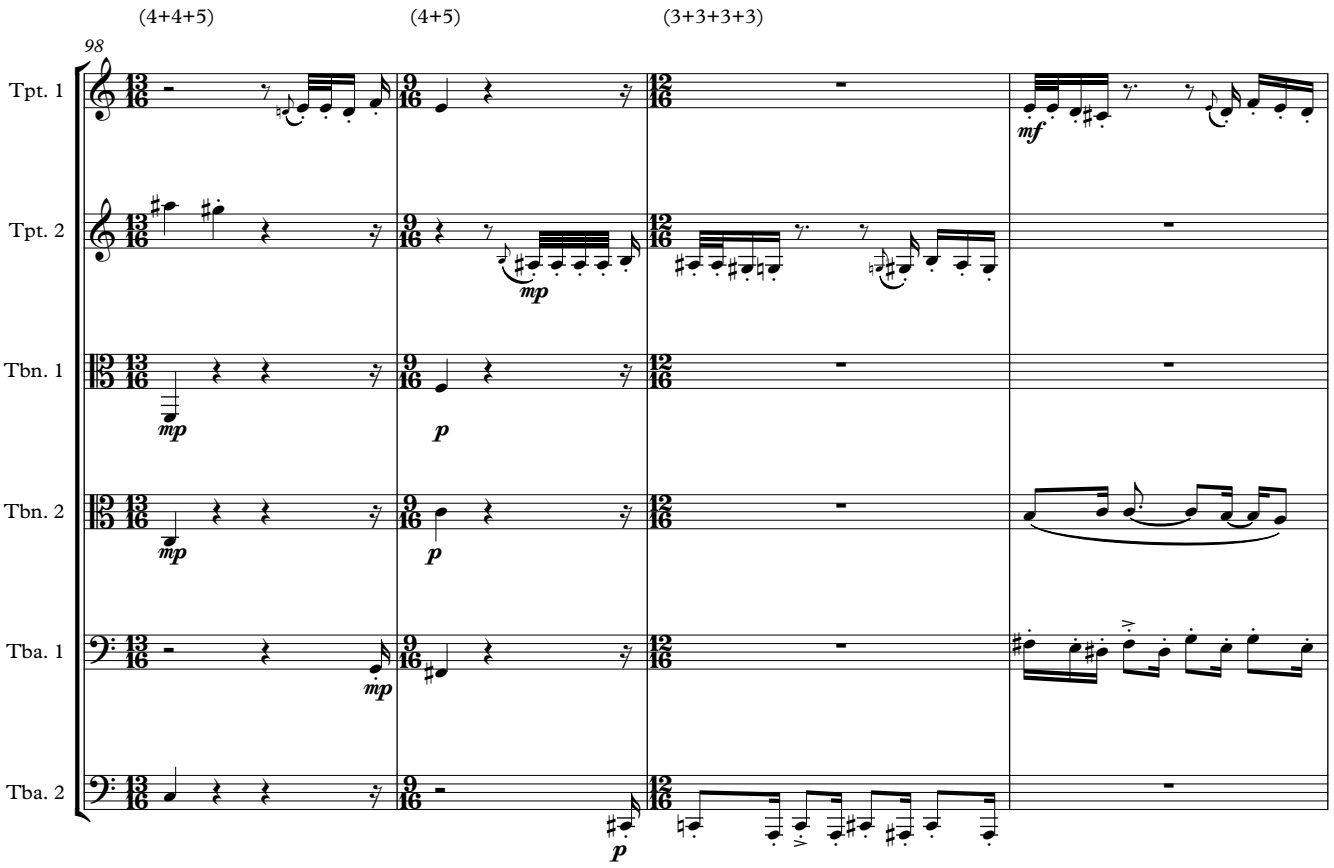


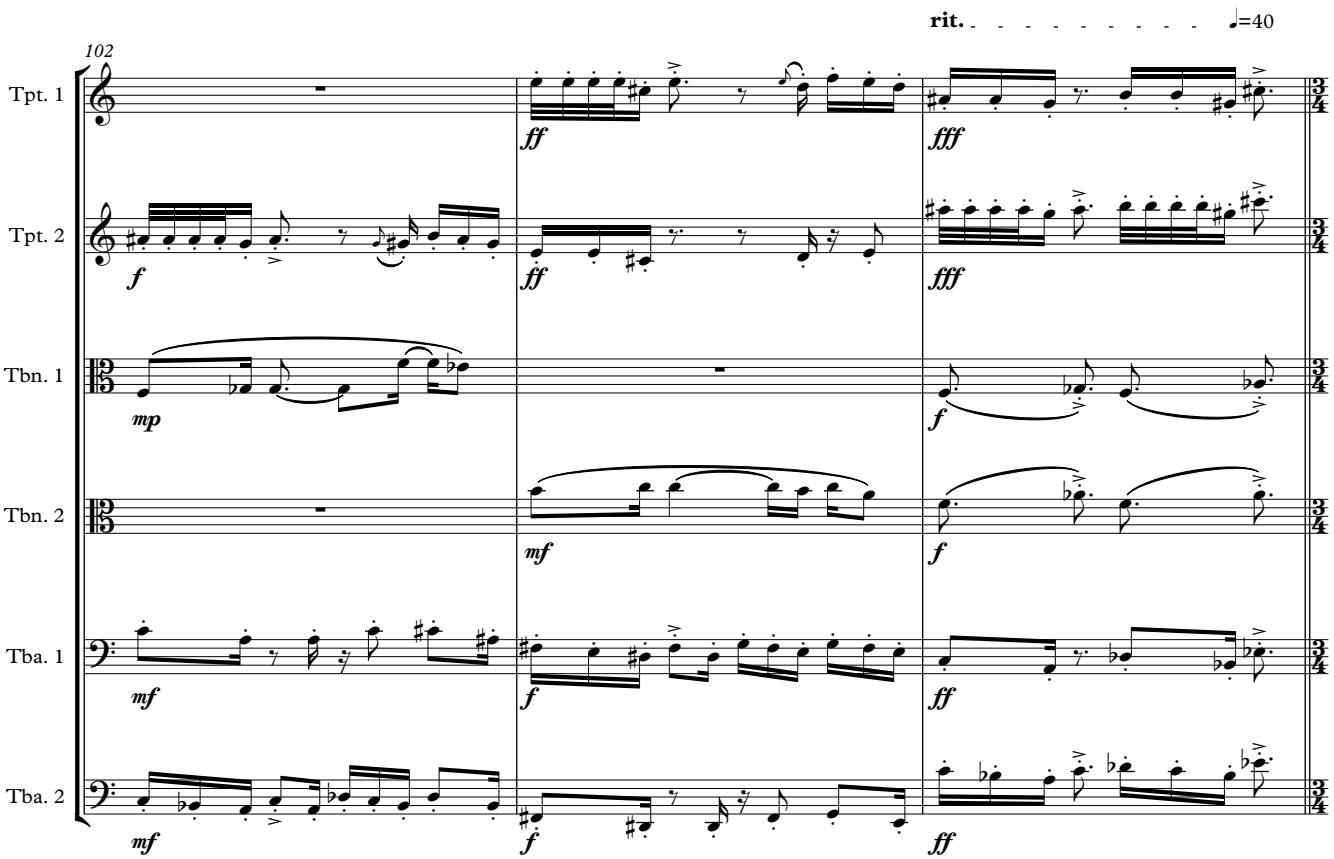
(2+2+3) (2+3)

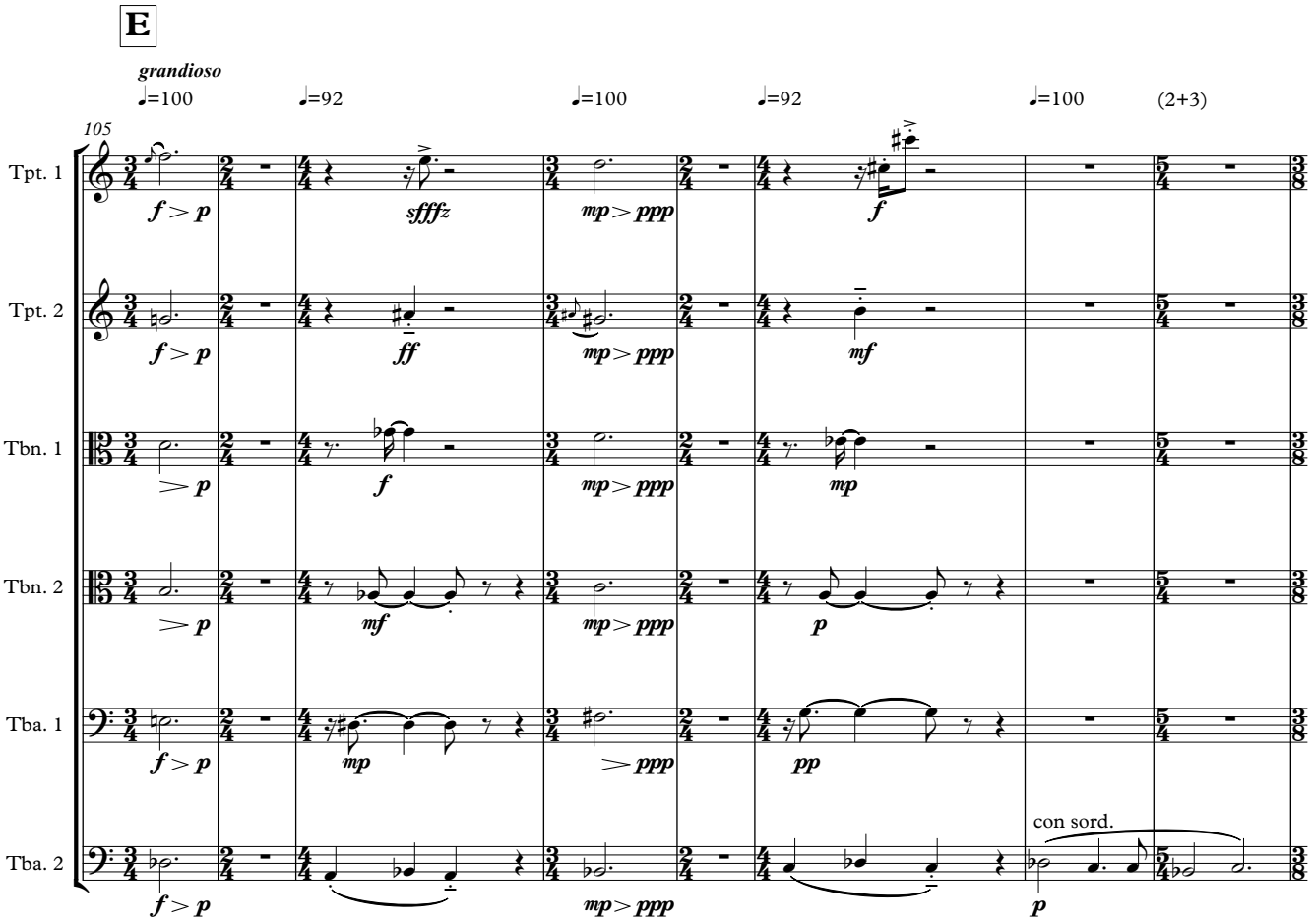


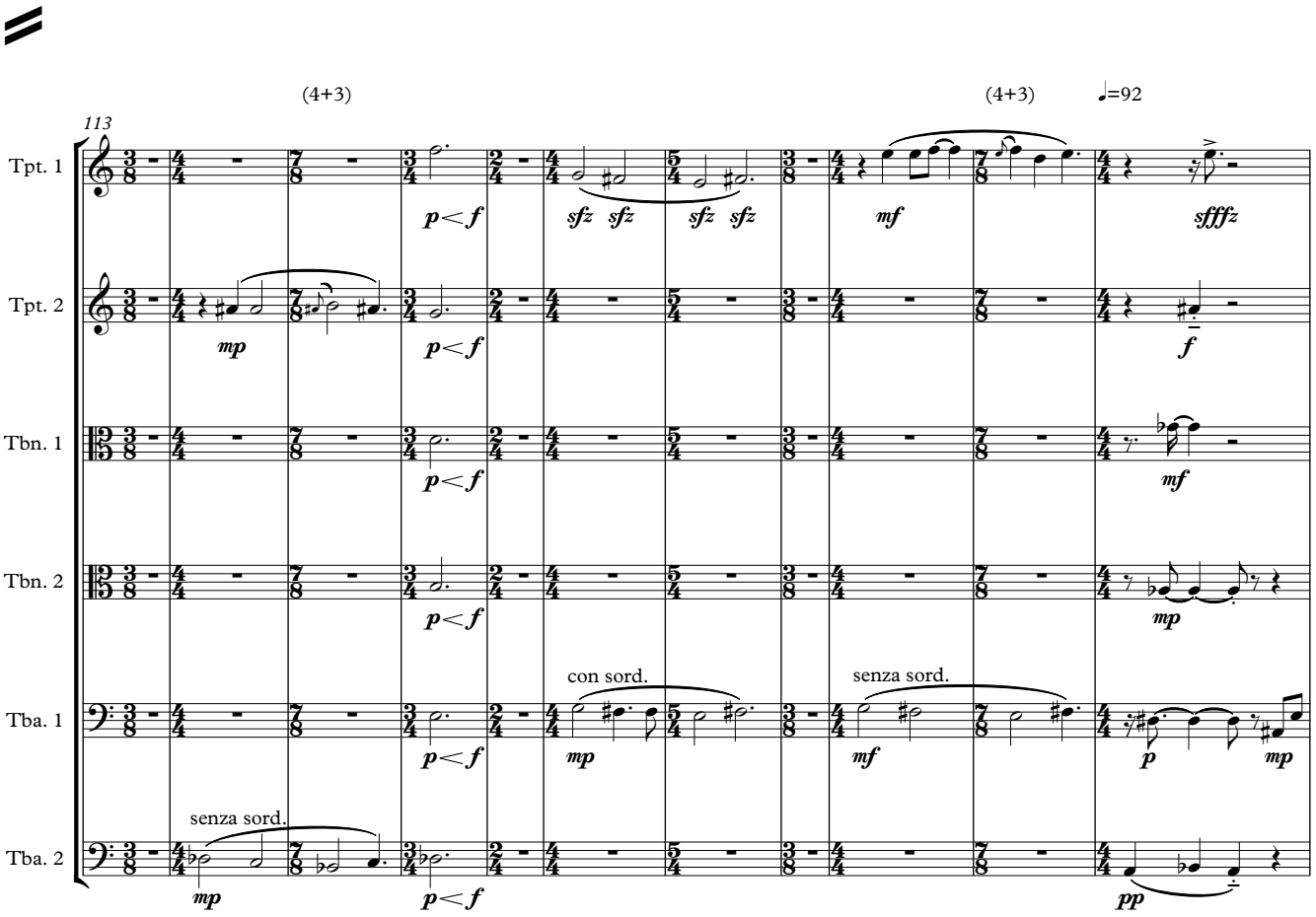

(2+2+3)
(2+3)
92
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2

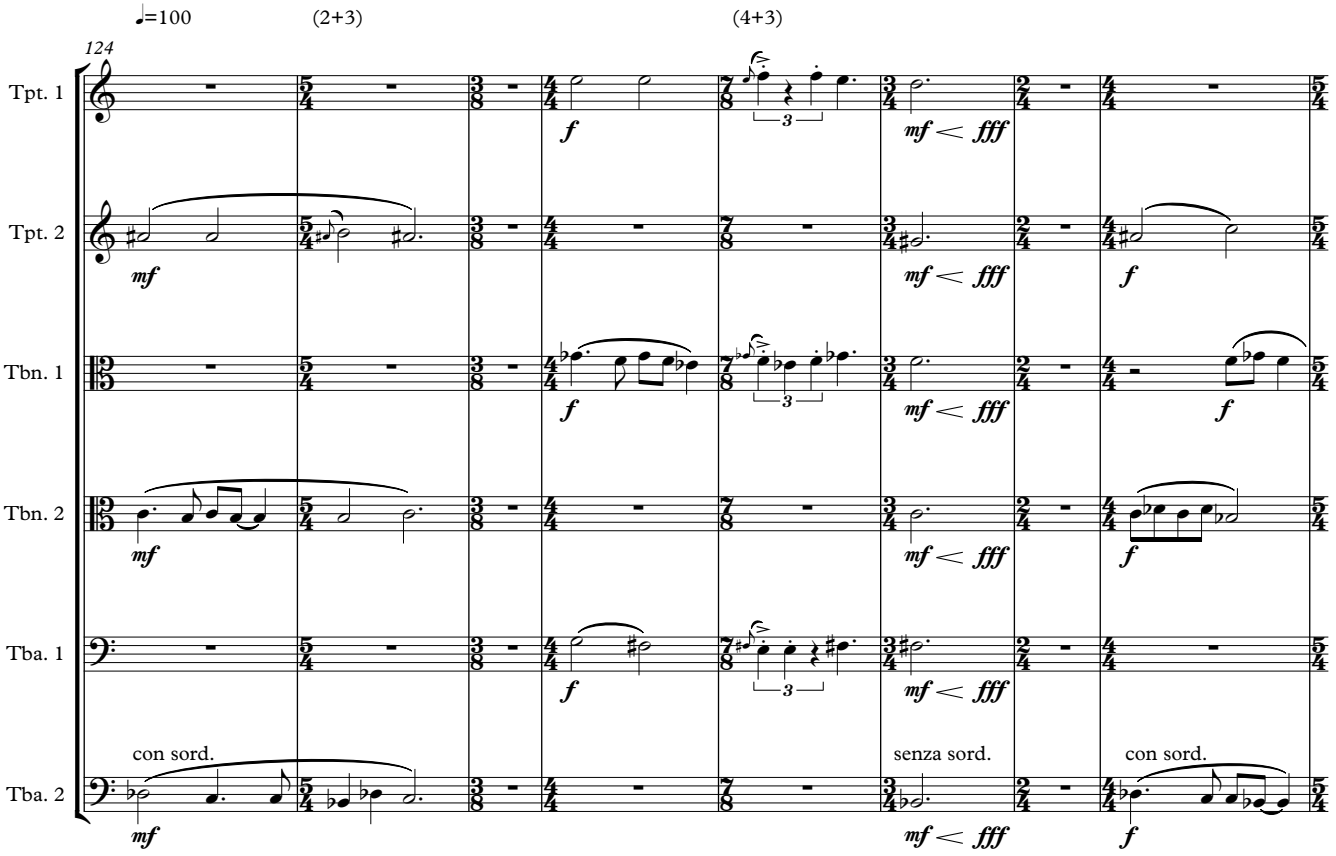

95
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2

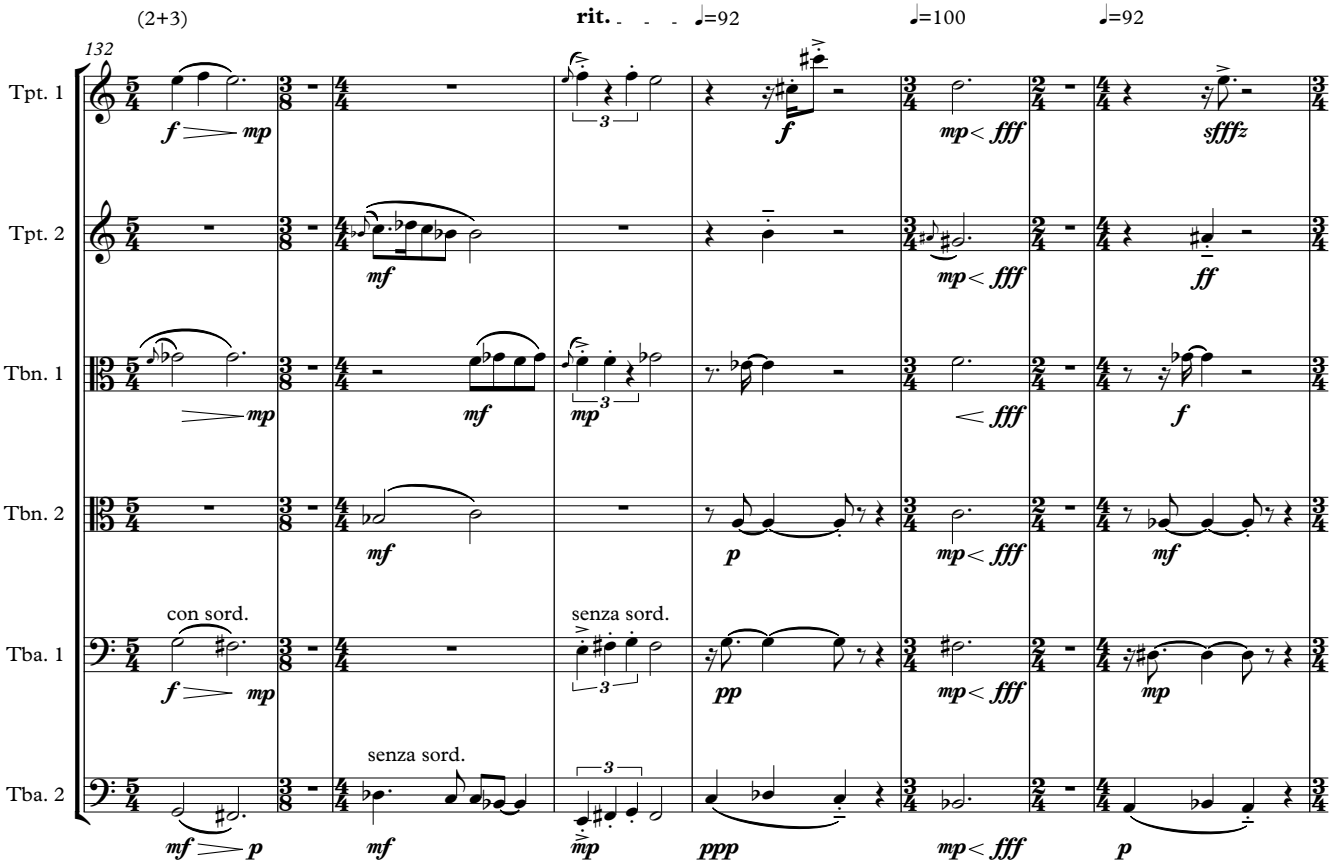

(4+4+5)
(4+5)
(3+3+3+3)
98
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
mf
mp
p

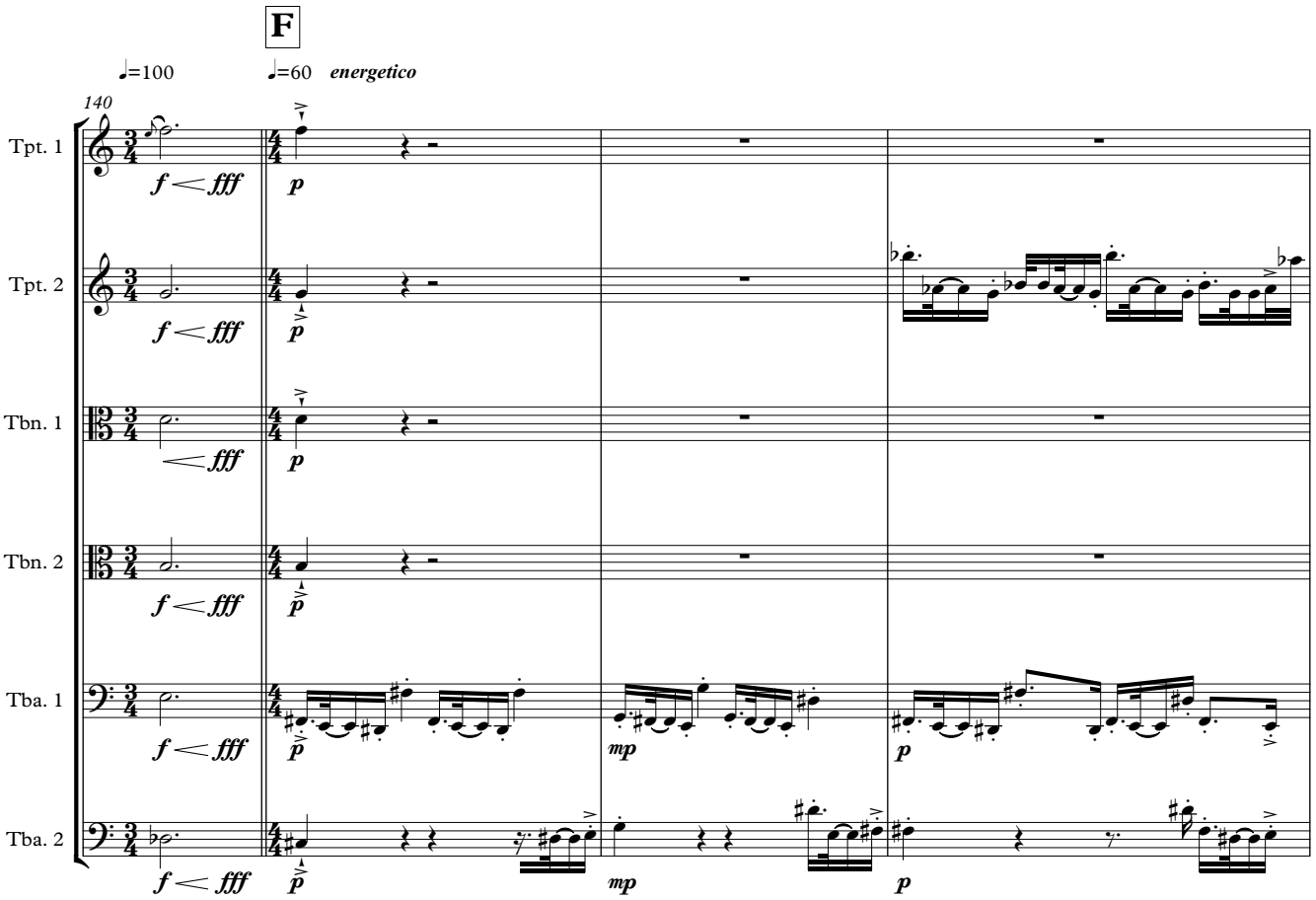

rit.
♩=40
102
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
f
ff
fff
mp
mf

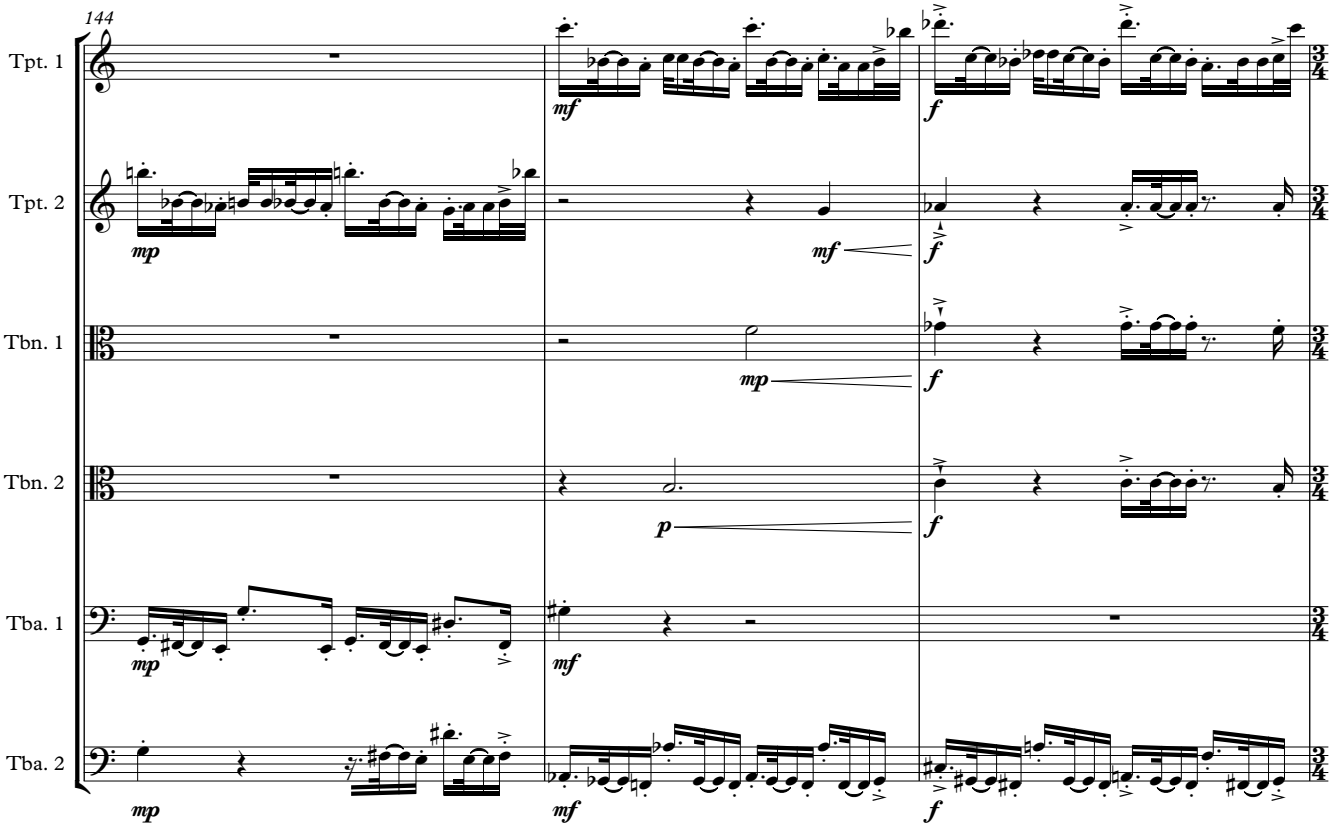

E
grandioso
♩=100
♩=92
♩=100
♩=92
♩=100
(2+3)
105
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
con sord.

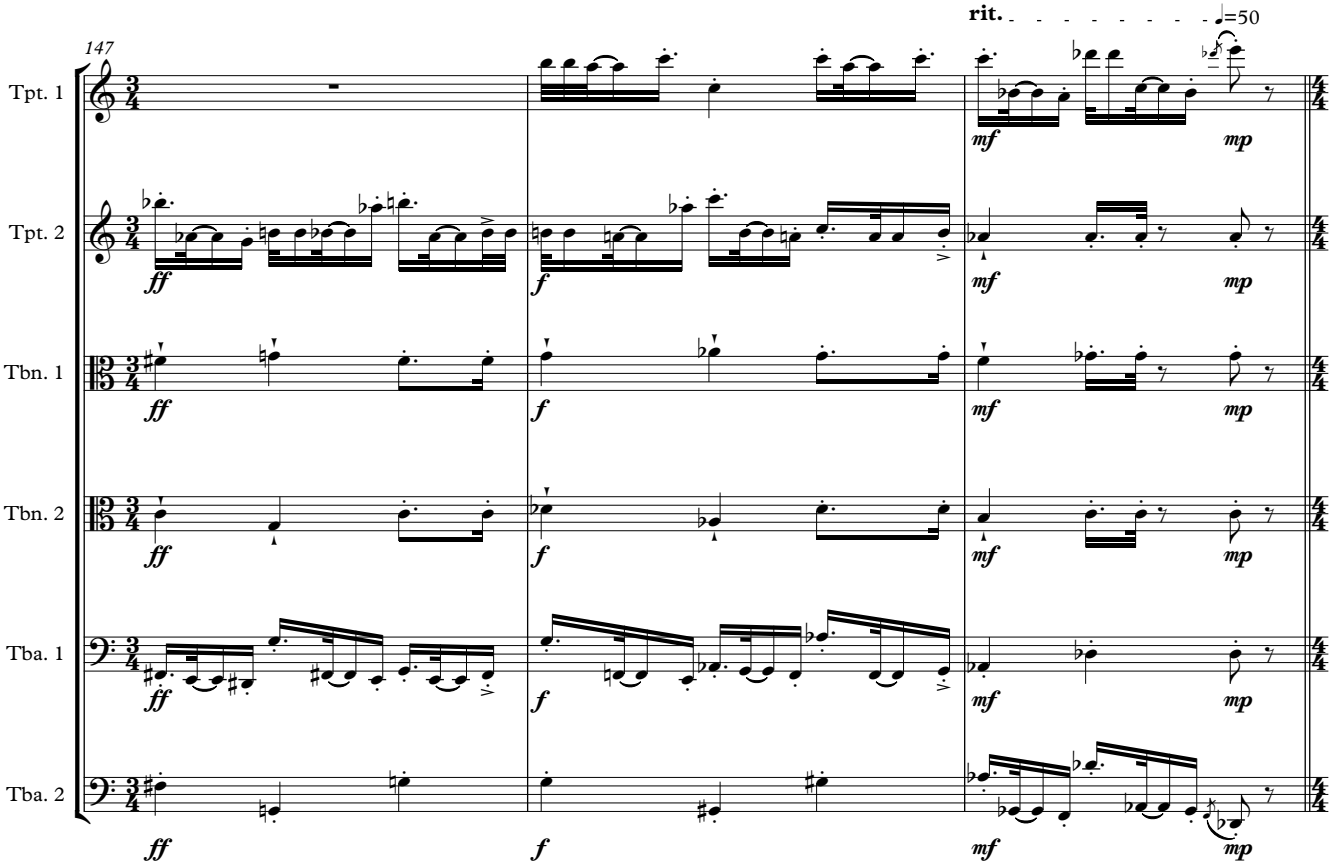

(4+3)
(4+3)
♩=92
113
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
con sord.
senza sord.
senza sord.

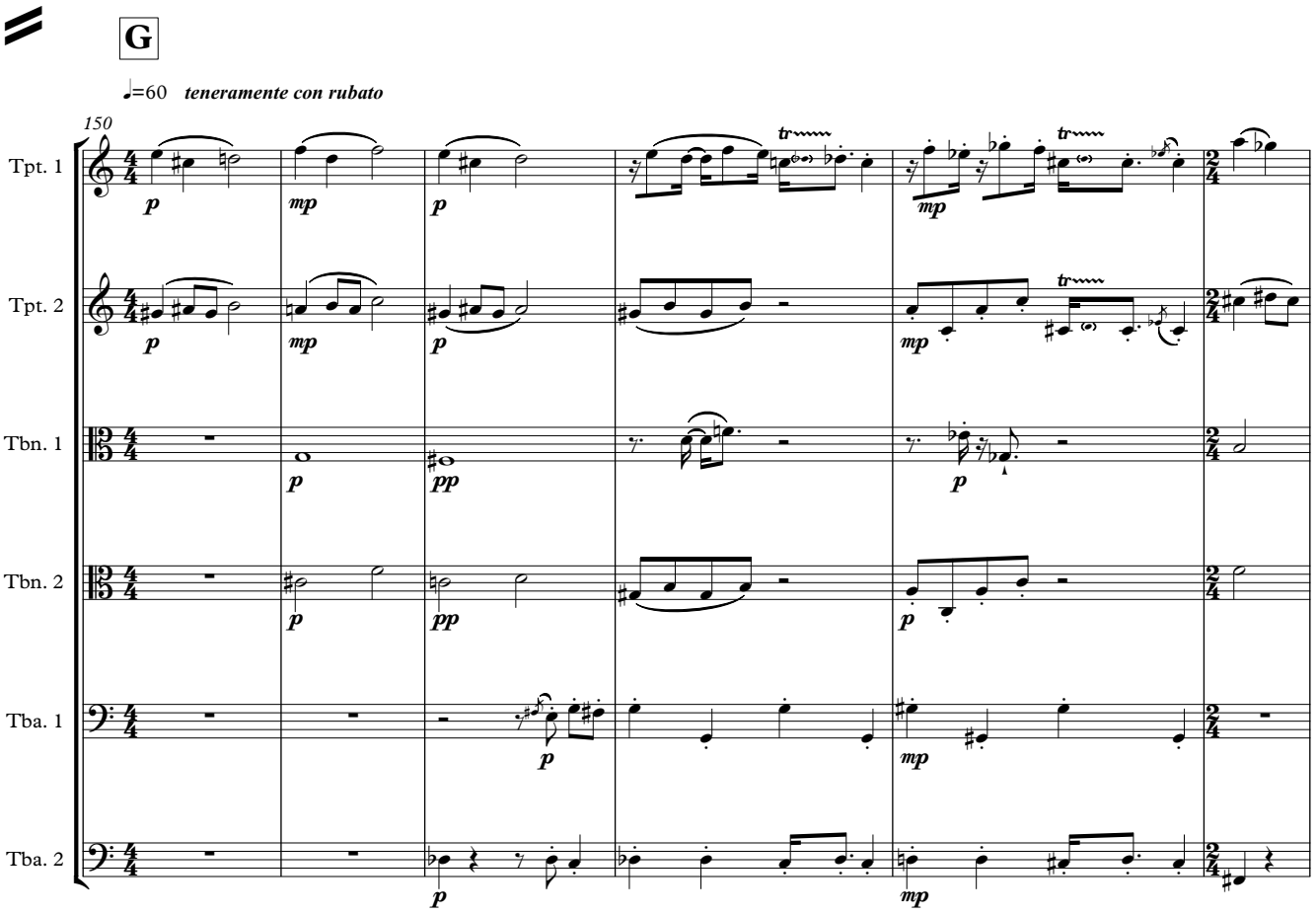

♩=100
(2+3)
(4+3)
124
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
con sord.
senza sord.
con sord.

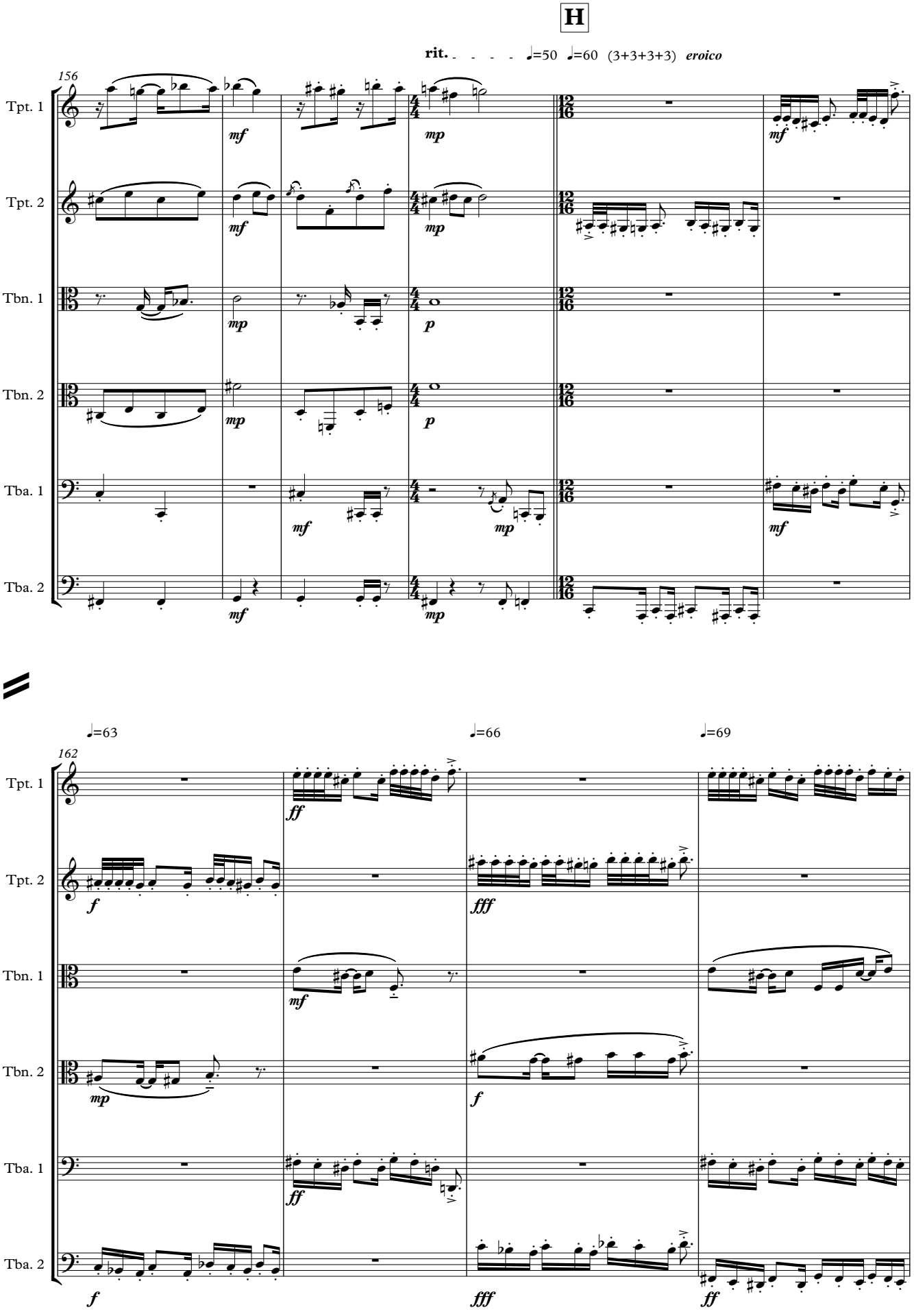

(2+3)
rit.
♩=92
♩=100
♩=92
132
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
con sord.
senza sord.
senza sord.

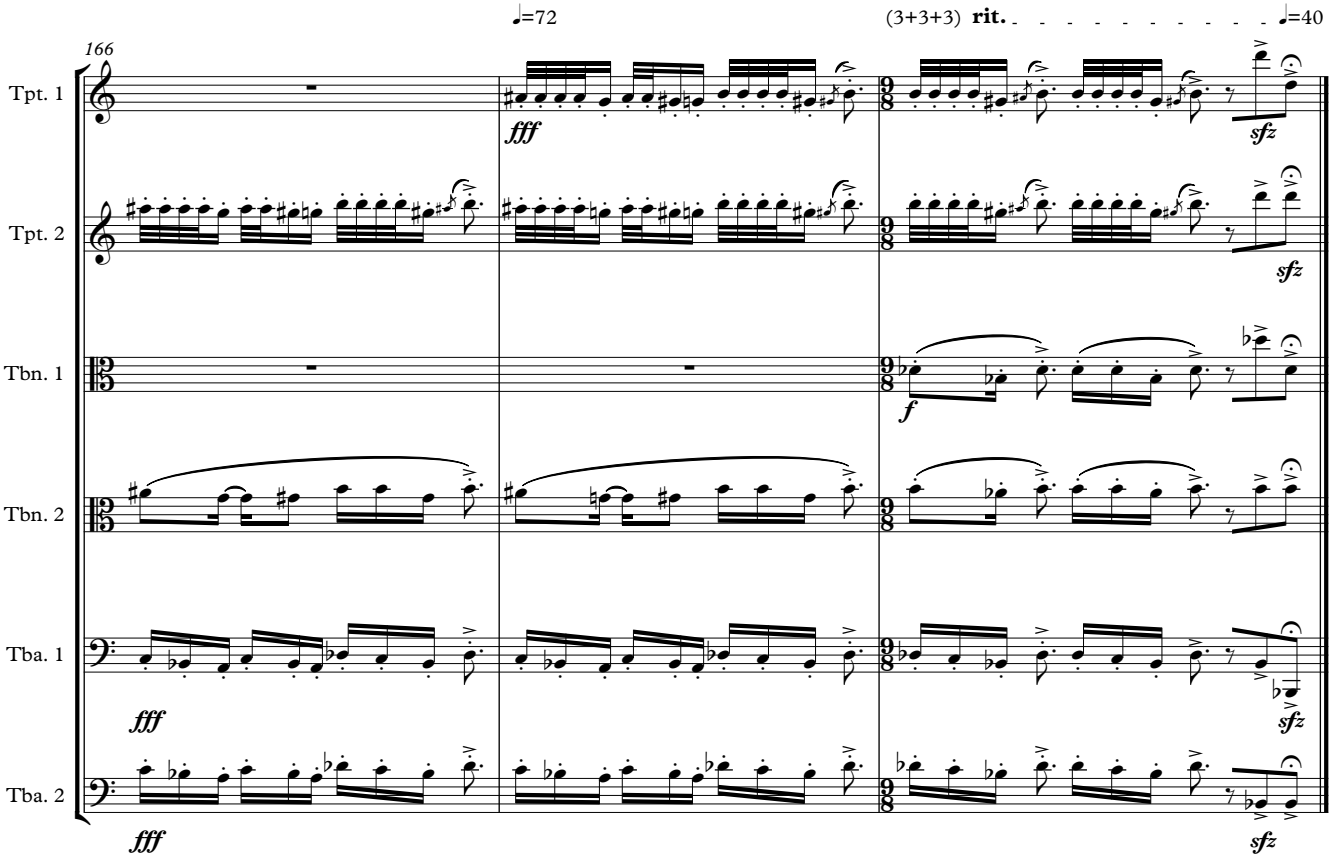

F
♩=100
♩=60 energetico
140
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
f < fff
p
mp


144
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
mp
mf
f
p


rit.
♩=50
147
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
ff
f
mf
mp


G
♩=60 teneramente con rubato
150
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
p
mp
pp
tr


H
rit.
♩=50 ♩=60 (3+3+3+3) eroico
156
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
mf
mp
p
♩=63
♩=66
♩=69
162
ff
f
fff


166
♩=72
(3+3+3) rit.
♩=40
Tpt. 1
Tpt. 2
Tbn. 1
Tbn. 2
Tba. 1
Tba. 2
fff
sfz
f

One to Another

for large ensemble

(2014-2016)

Score in C

Michael McNeilis

One to Another

for large ensemble

(2014-2016)

Movement One: ca. 4’25
Movement Two: ca. 5’00
Movement Three: ca. 4’50
Total: ca. 14’15

Score in C

Instrumentation:

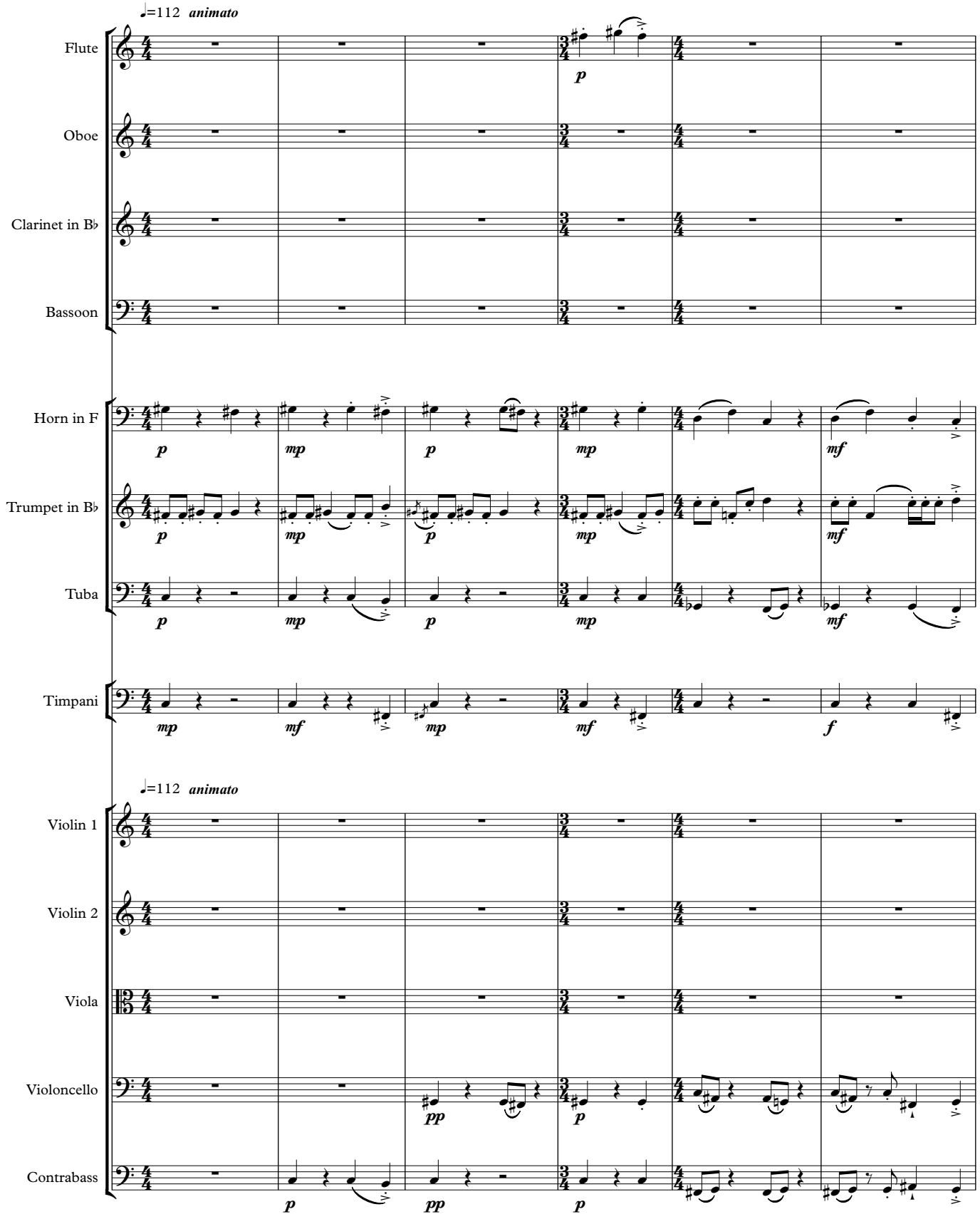
flute
oboe
clarinet in B♭
bassoon
French horn in F
trumpet in B♭
tuba
timpani (3 – tuned to C, F# and G)
violin x 2
viola
violoncello
contrabass

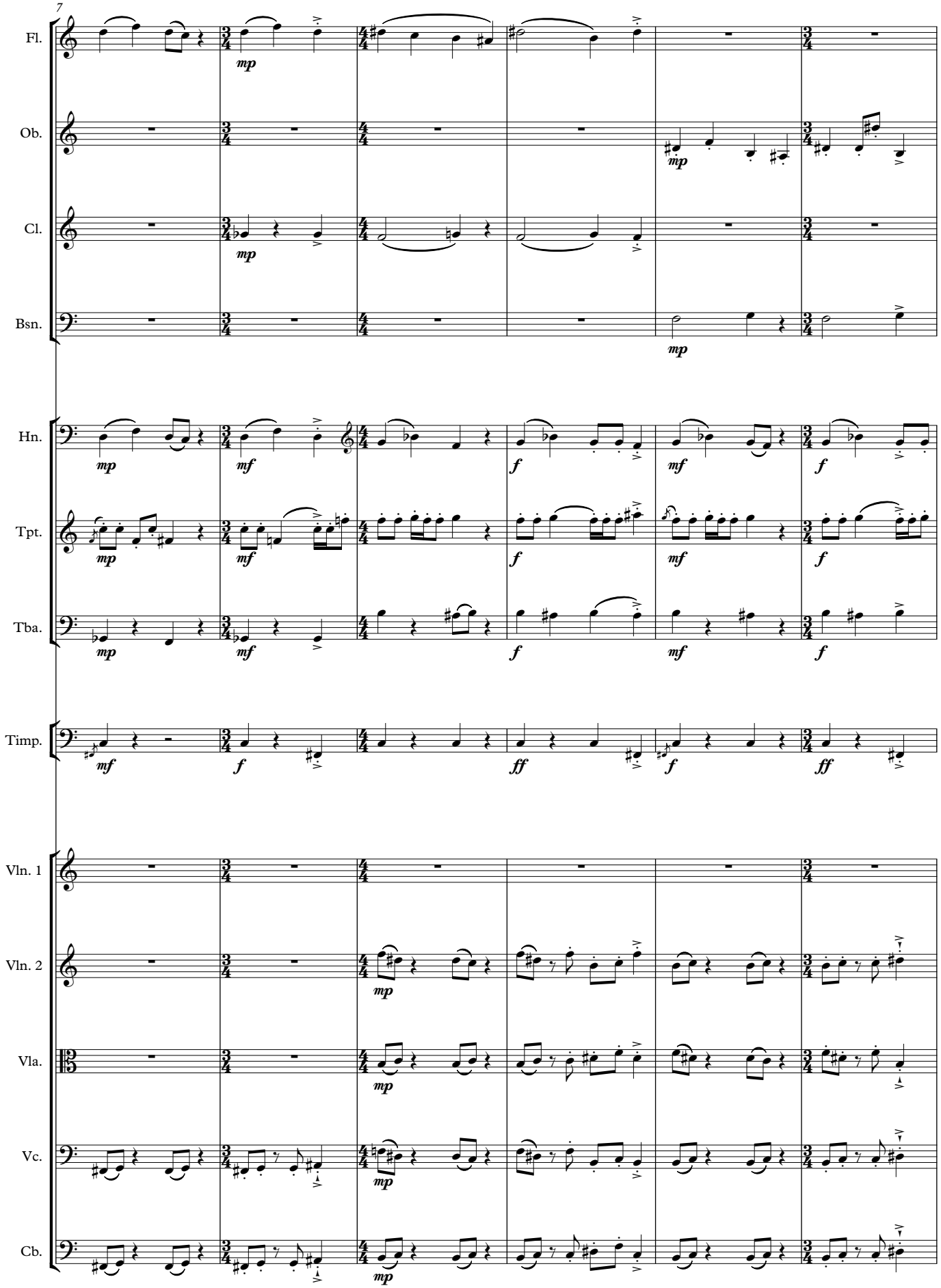
One to Another

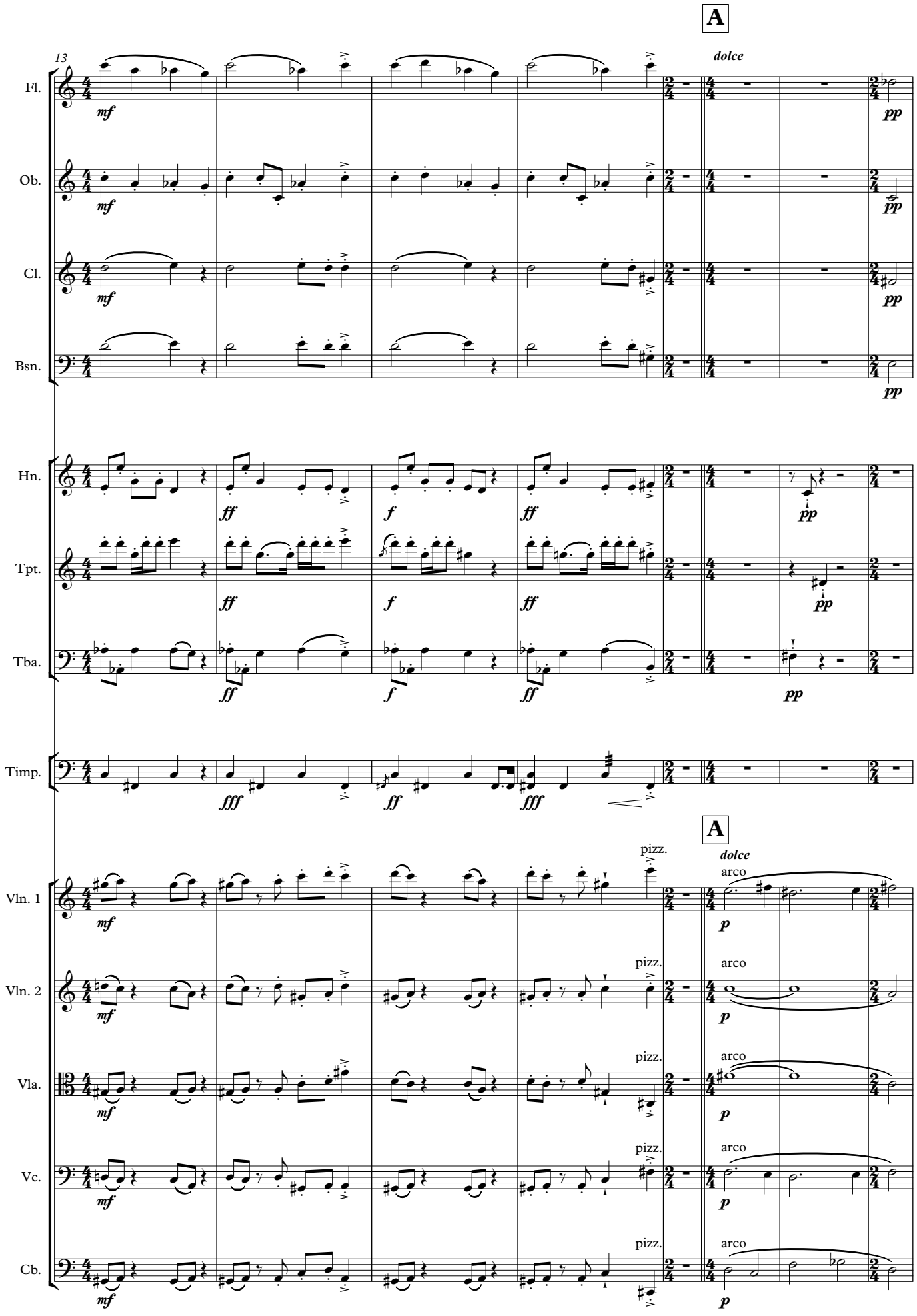
(for large ensemble)

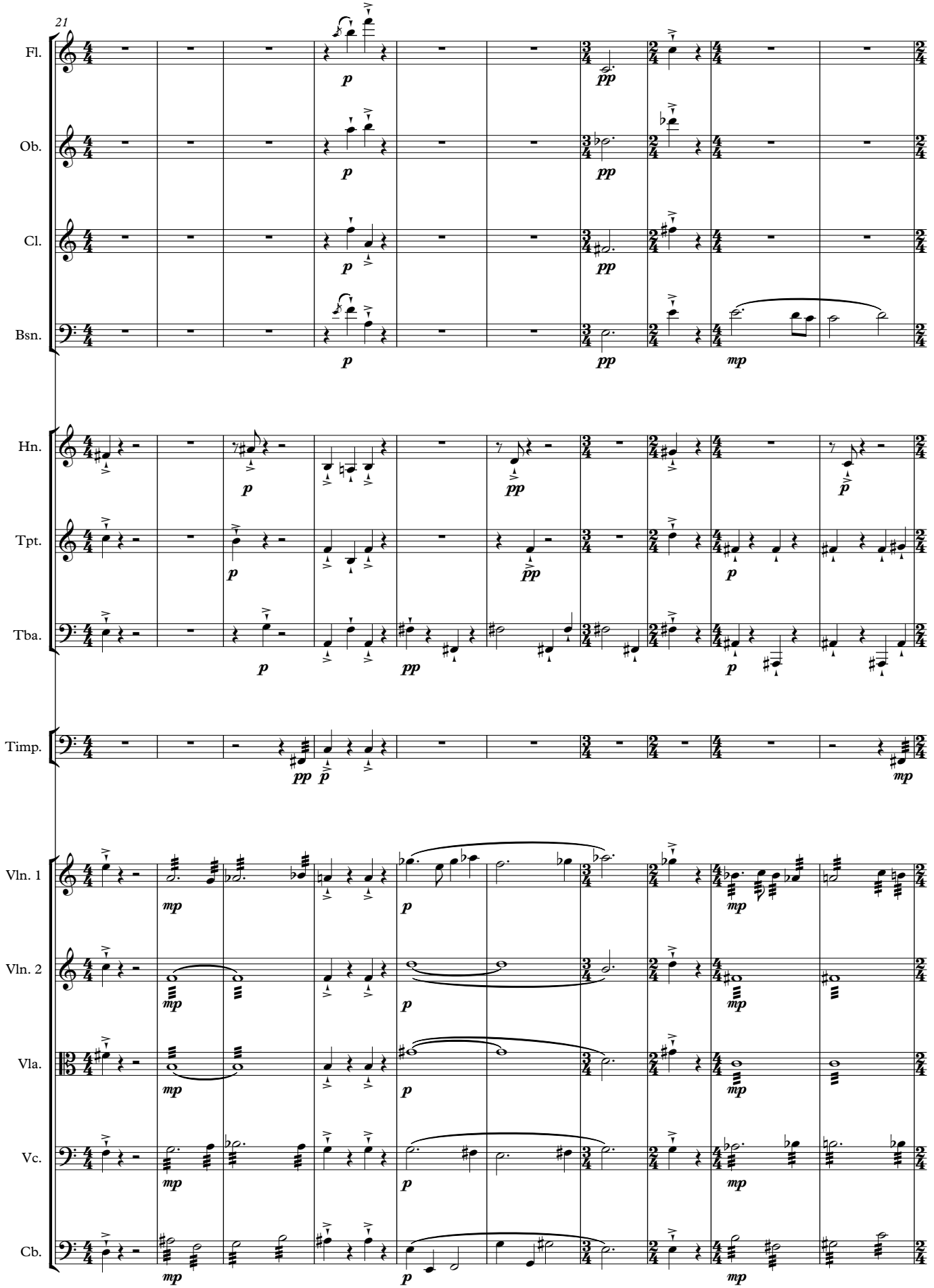
Movement One

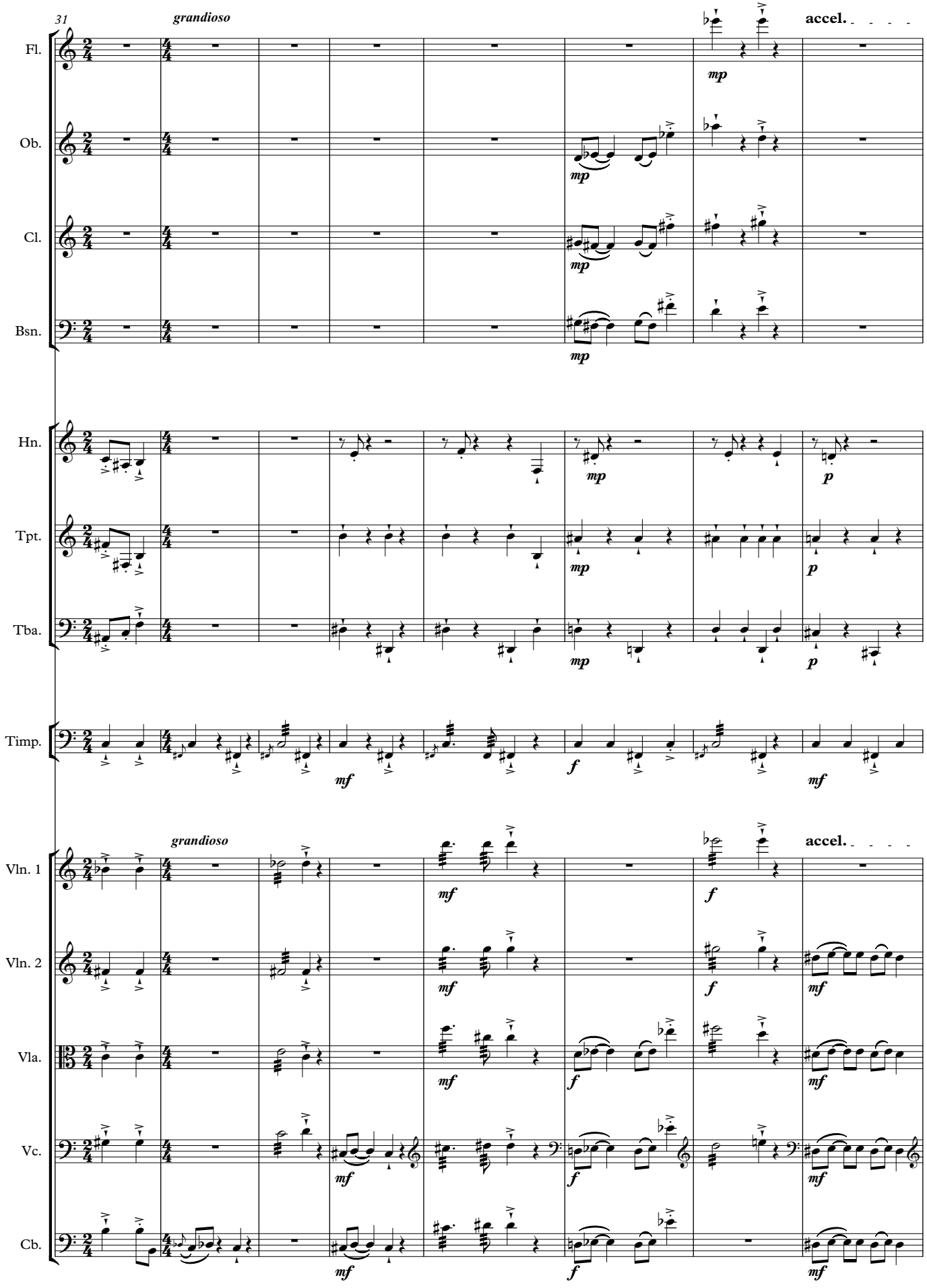
Michael McNeilis

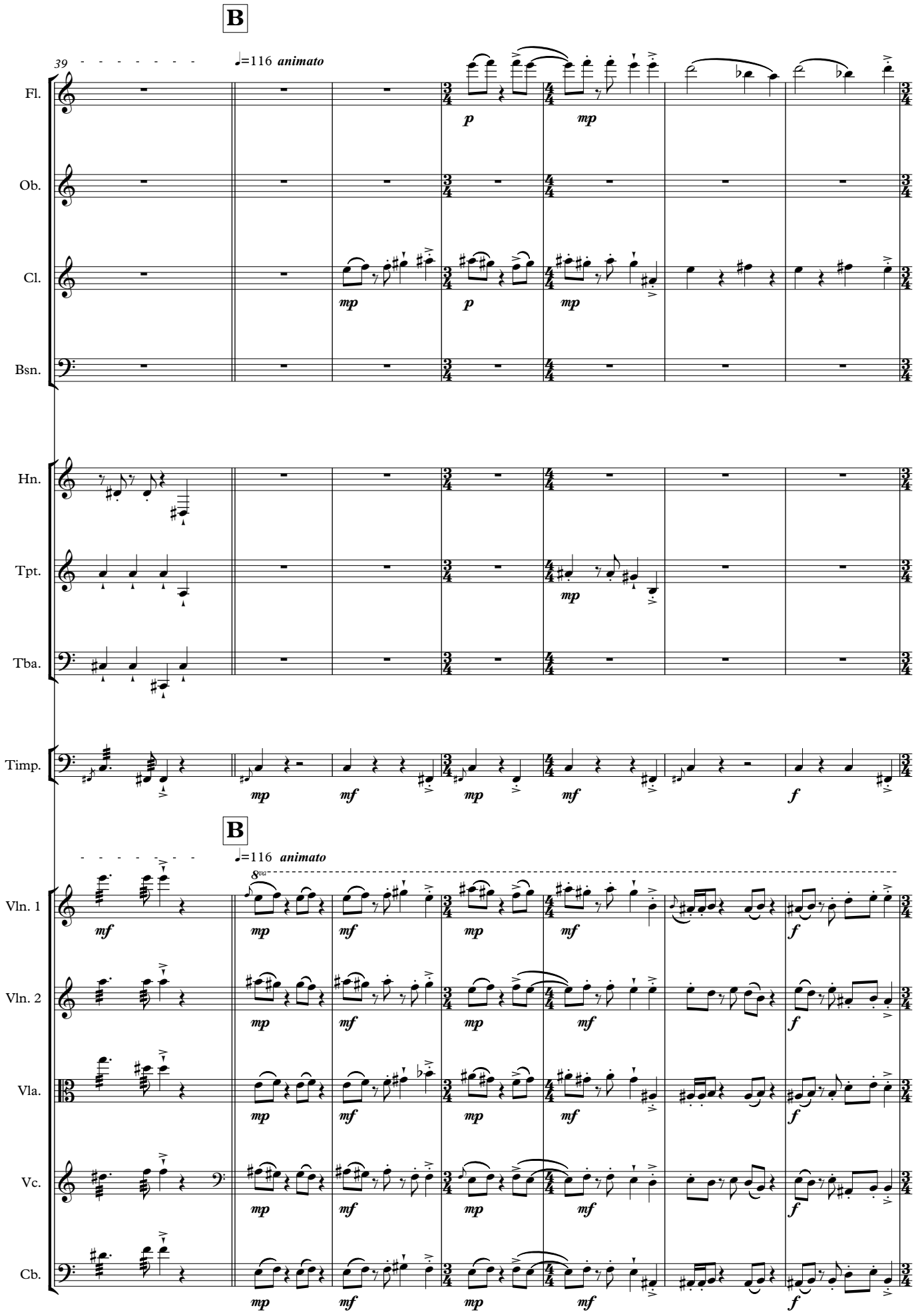


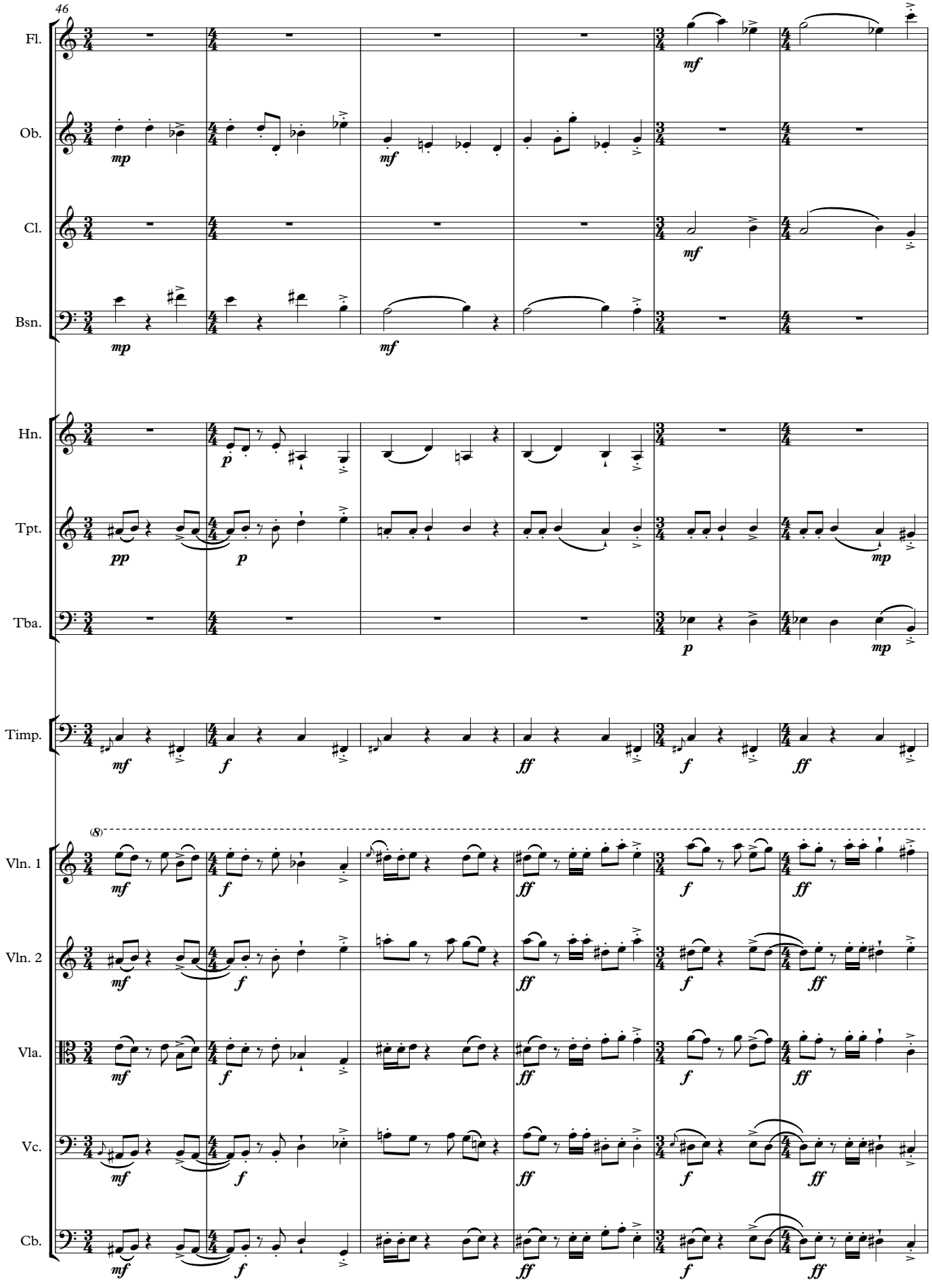

7
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
mp
mf
f
ff

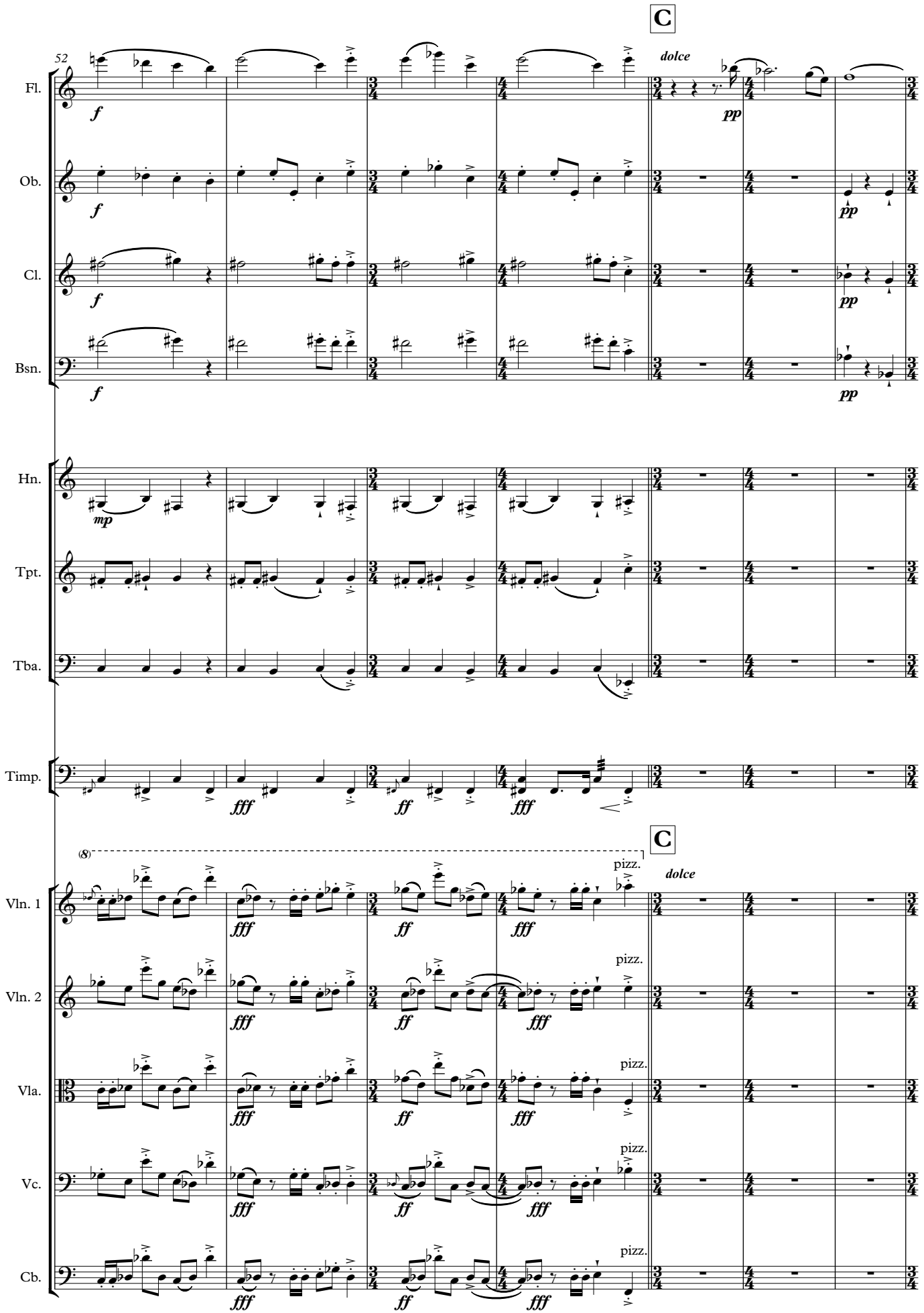

A
13
dolce
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
A
dolce
pizz.
arco
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

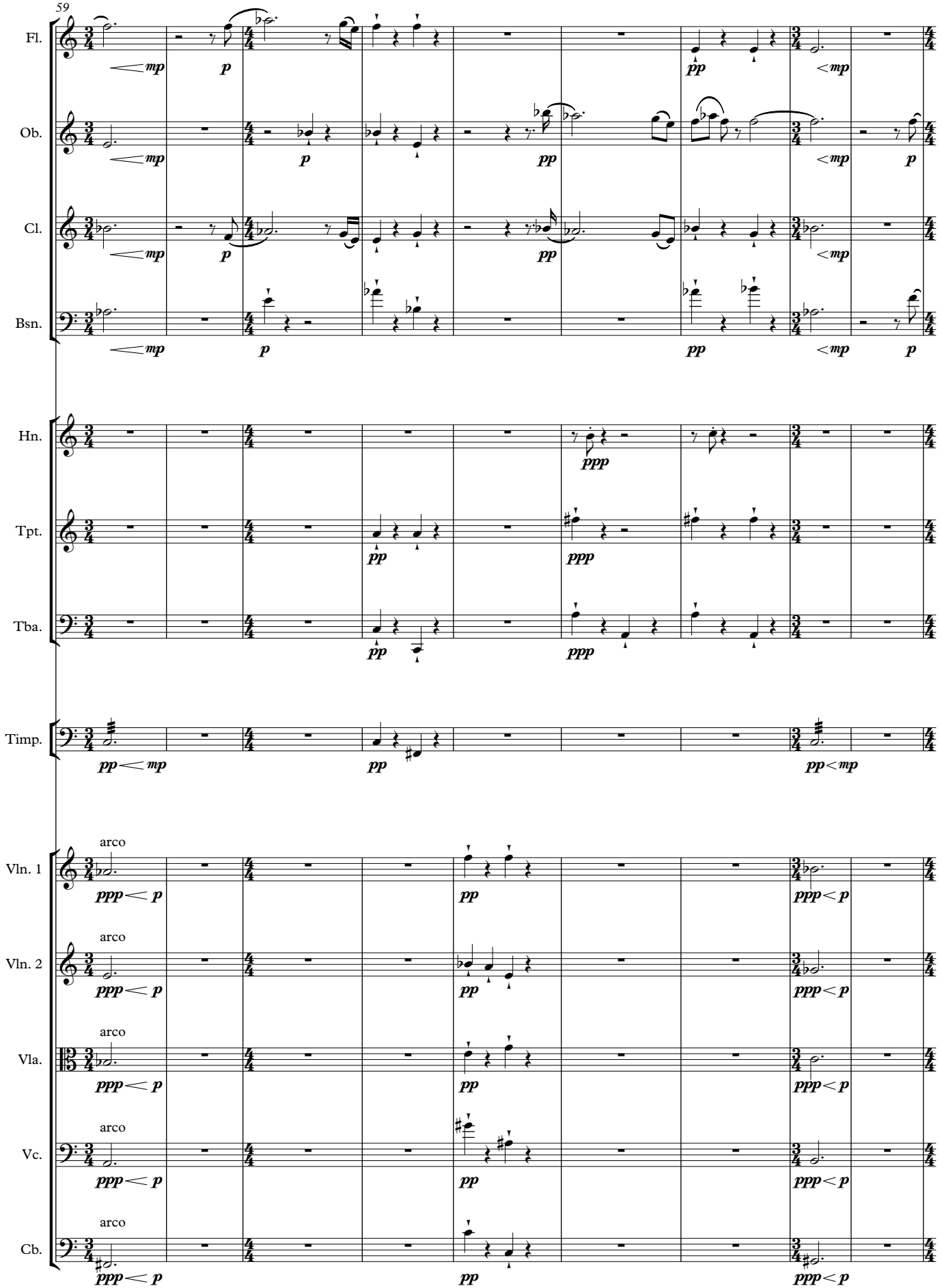

21
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

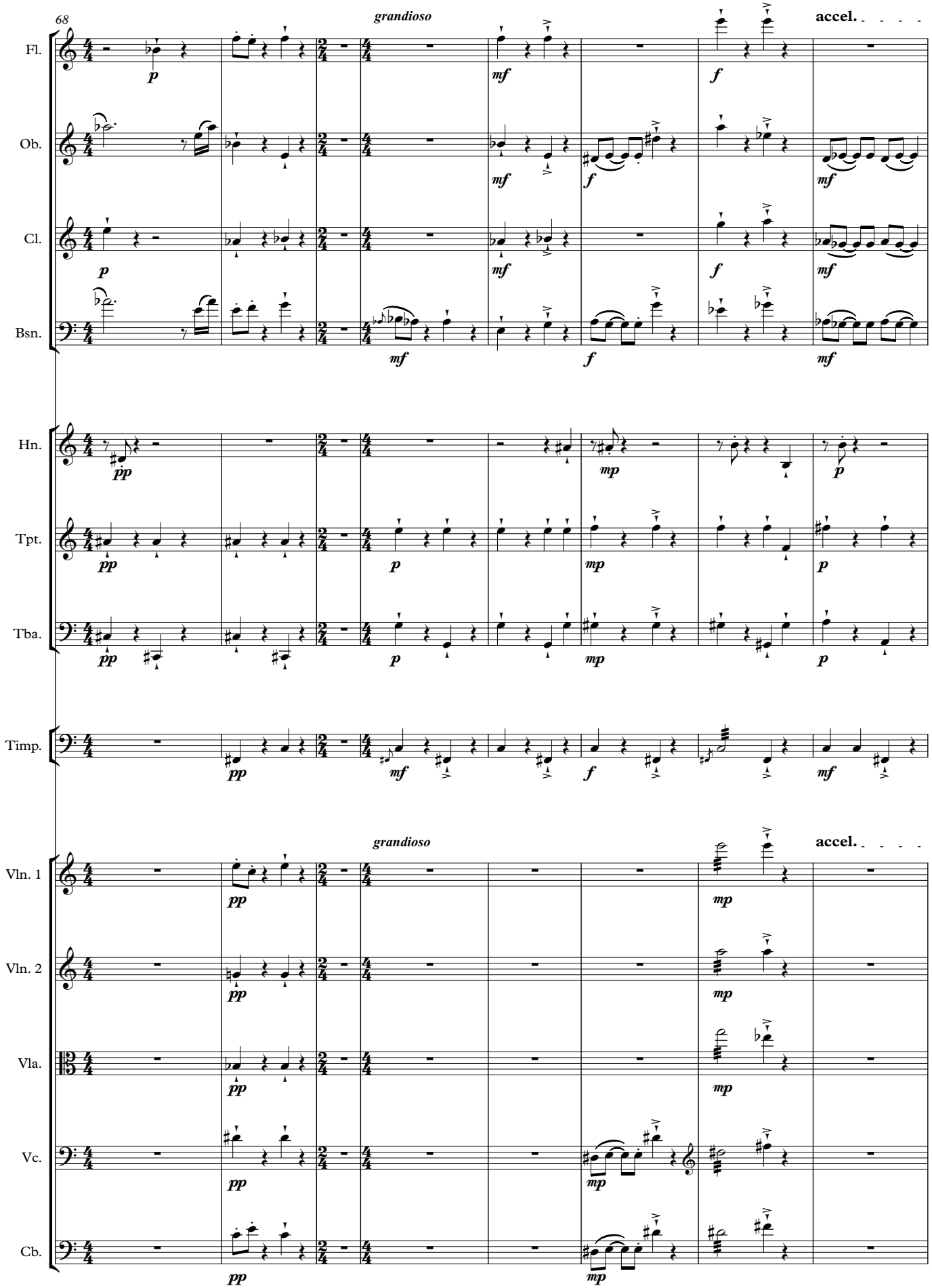

31
grandioso
accel.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
grandioso
accel.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

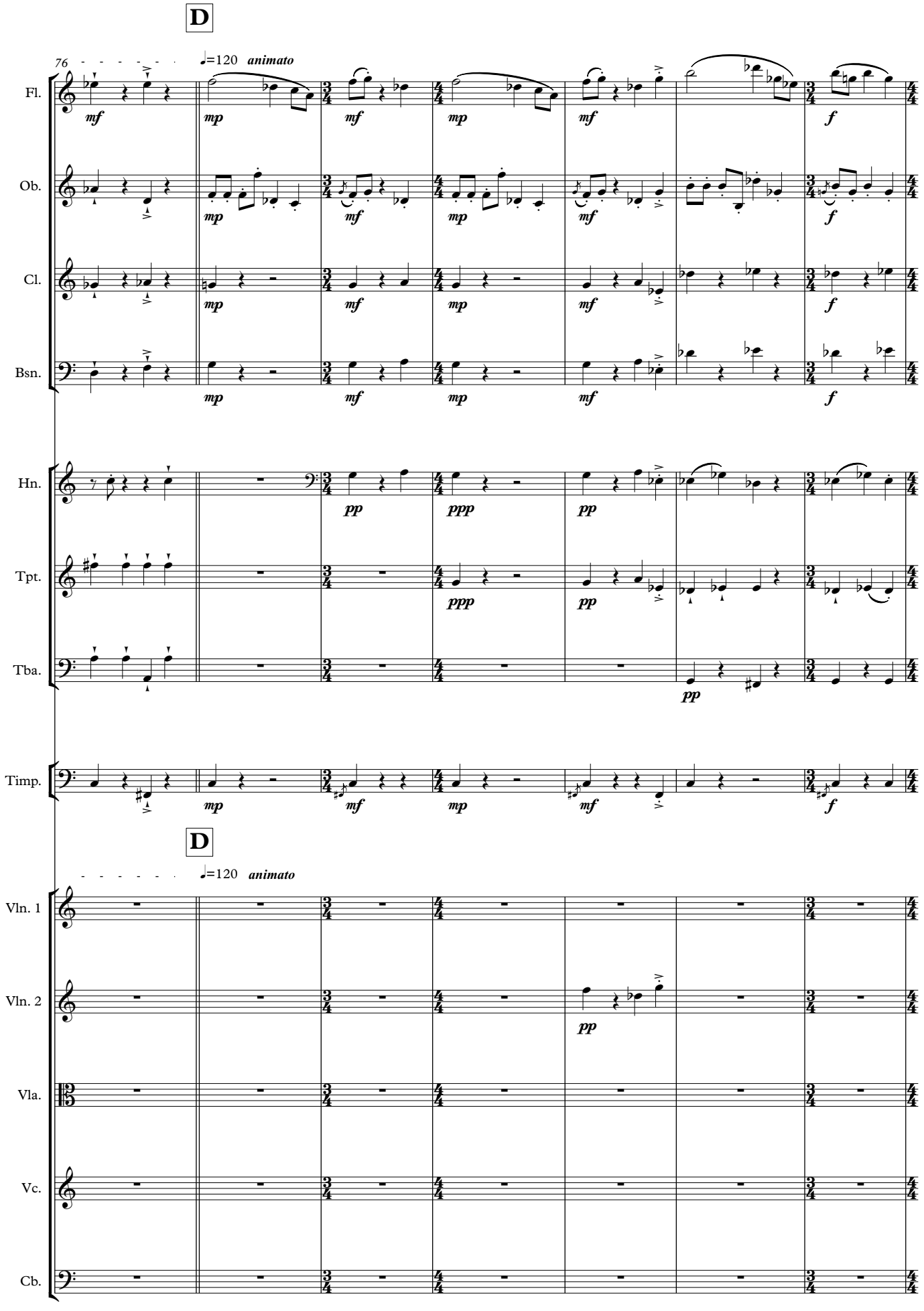

B
39
♩=116 animato
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
B
♩=116 animato
8va
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

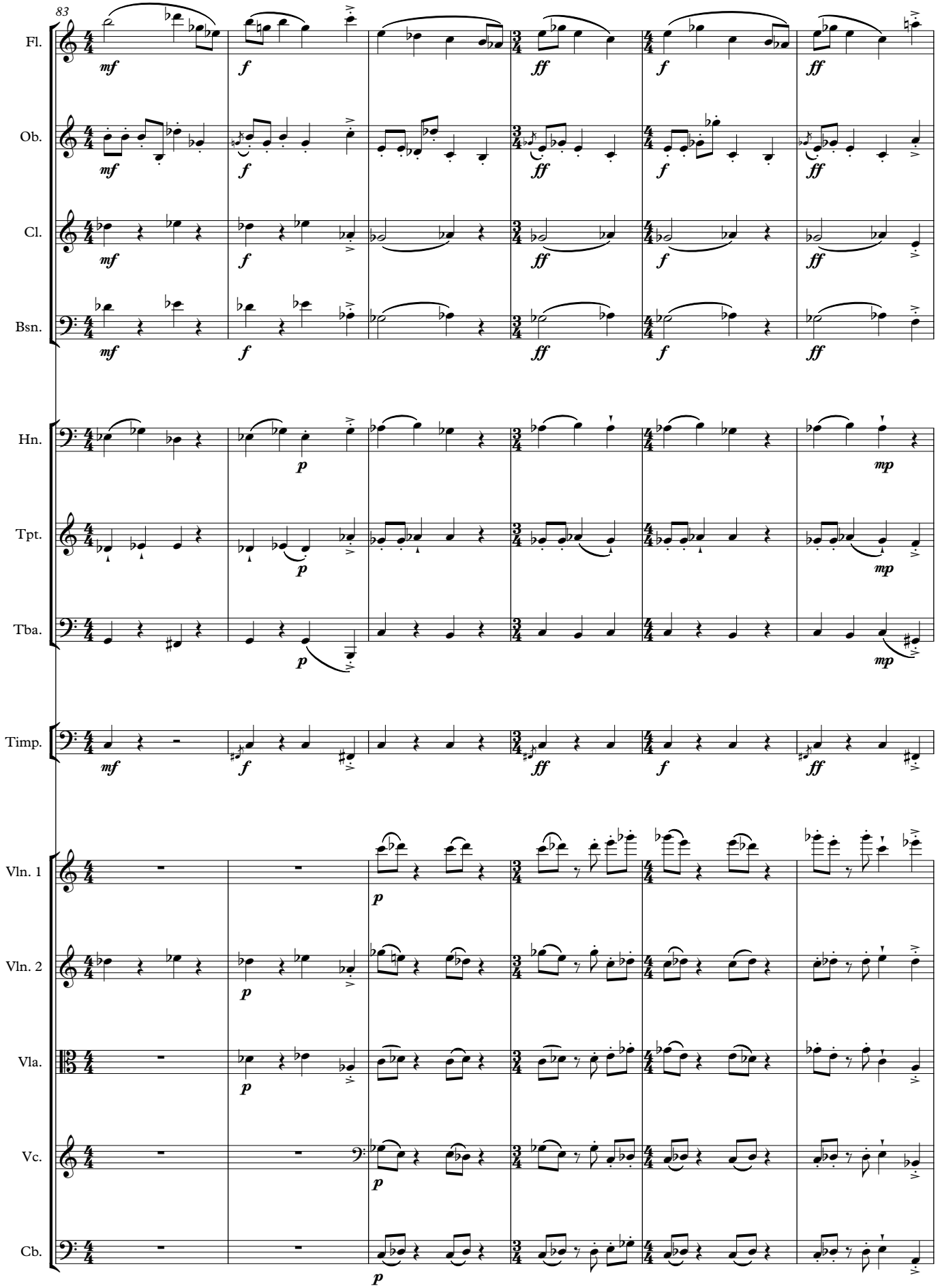

46
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
(8)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

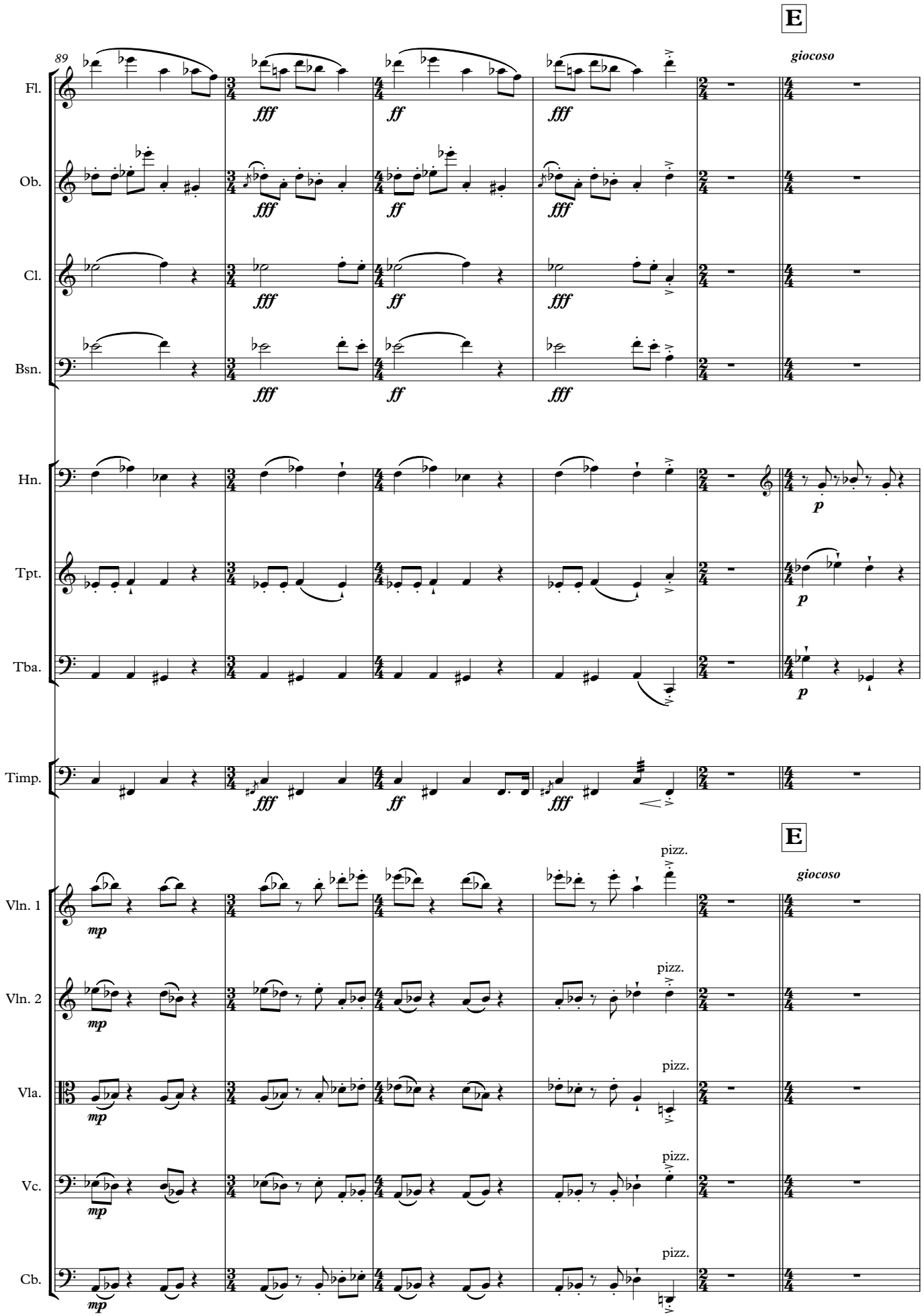

C
52
dolce
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
C
dolce
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.

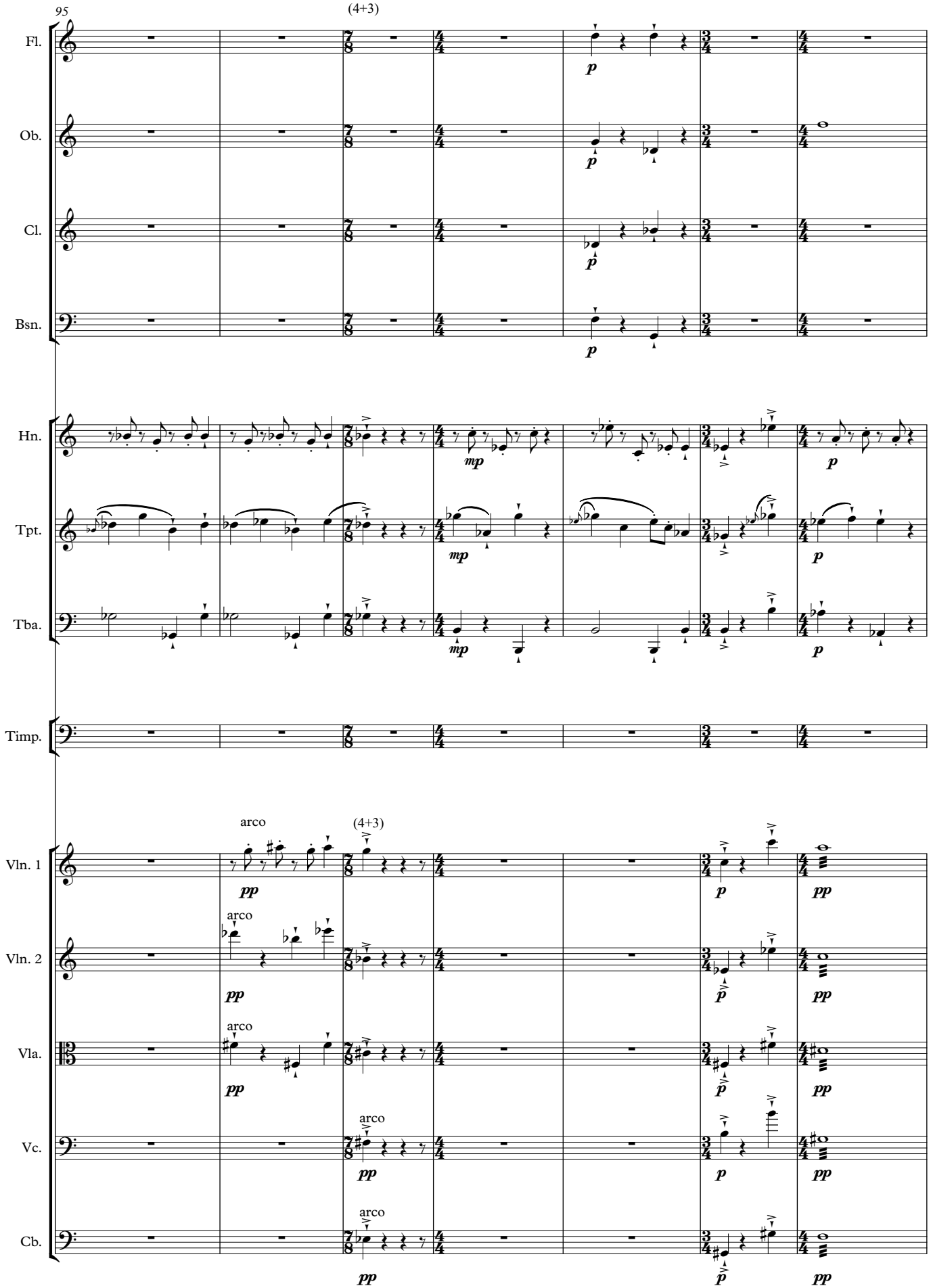

59
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
arco

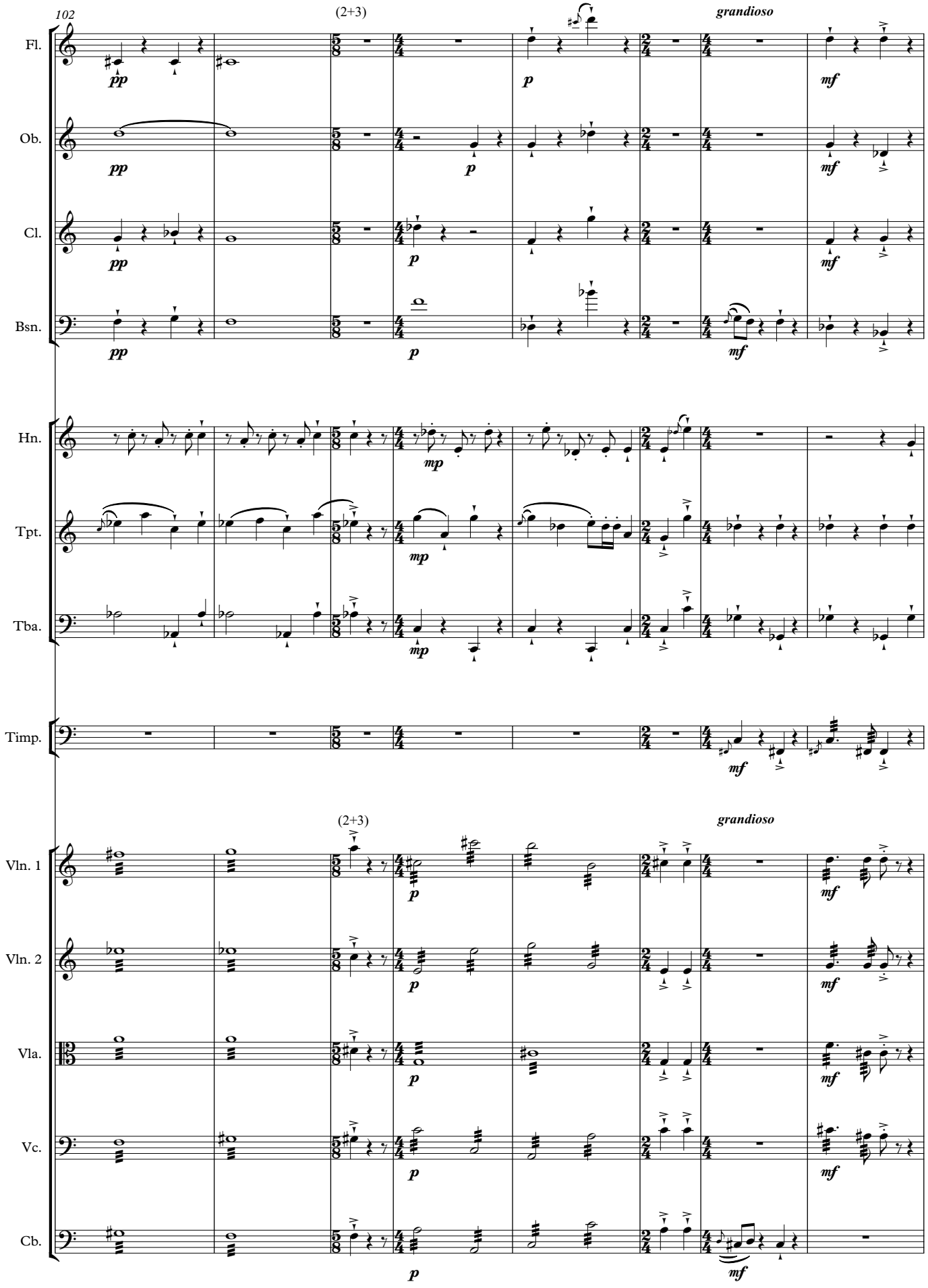

68
grandioso
accel.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
grandioso
accel.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

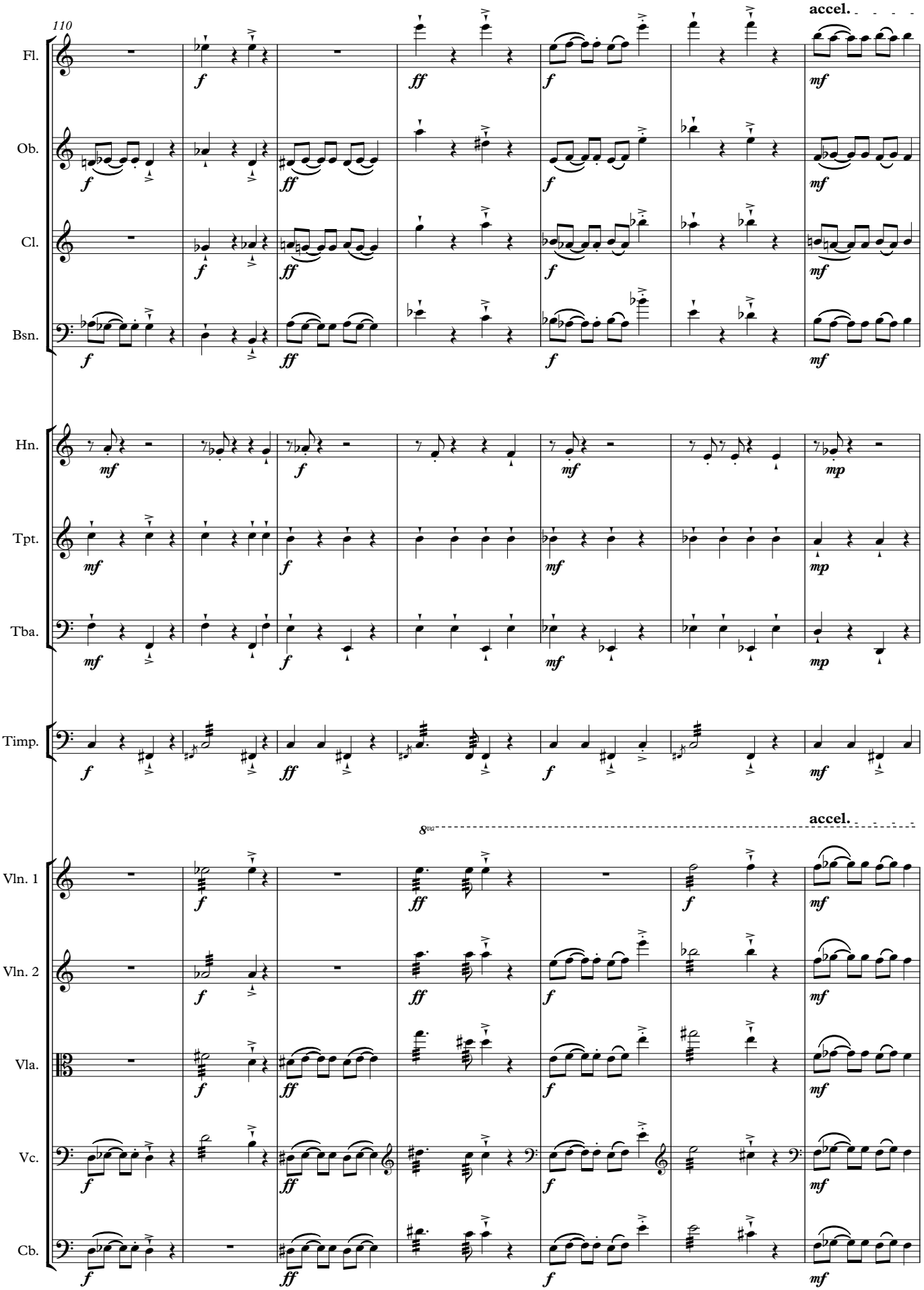

D
76
♩=120 animato
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
D
♩=120 animato
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

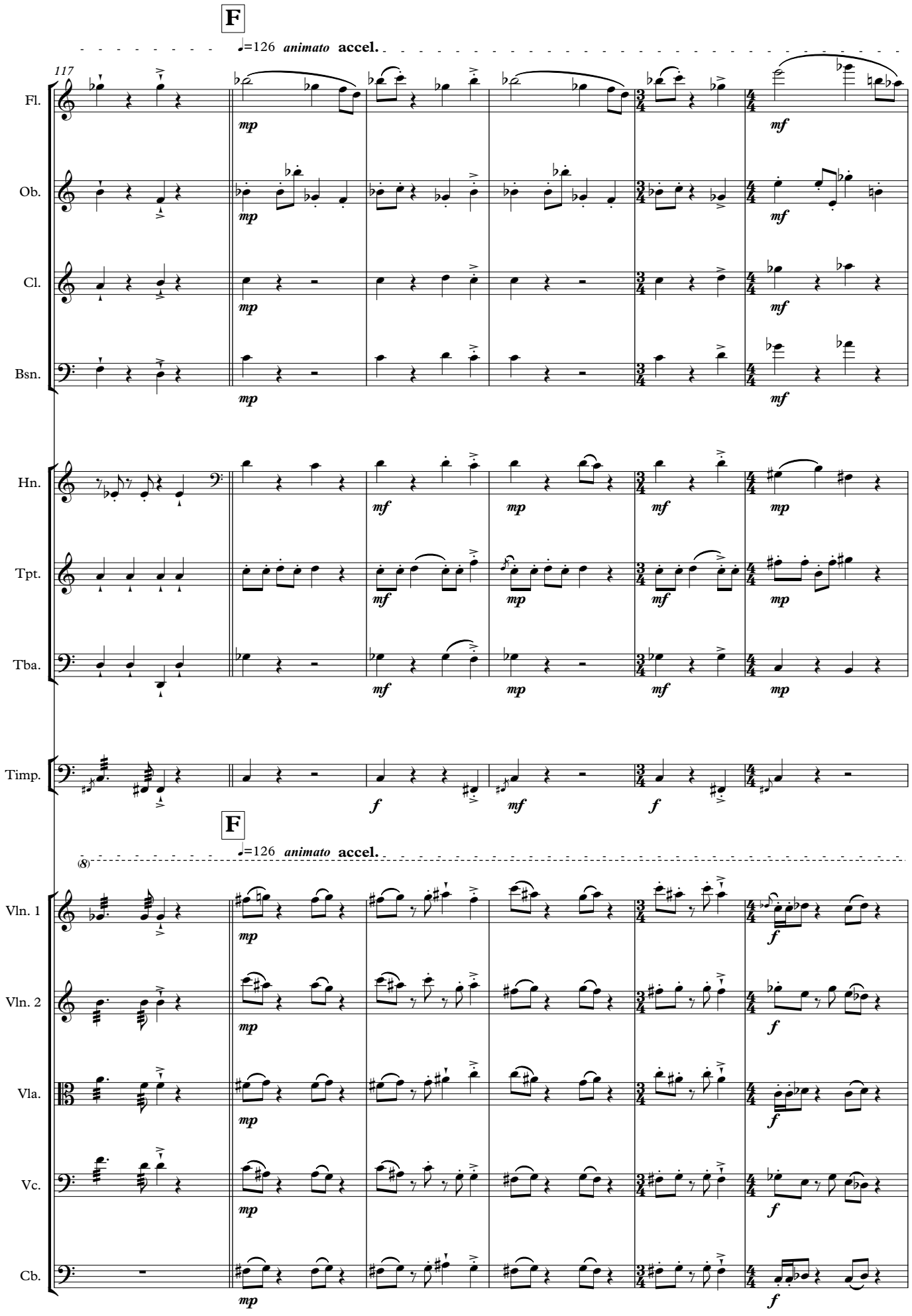

83
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
mf
f
ff
p
mp

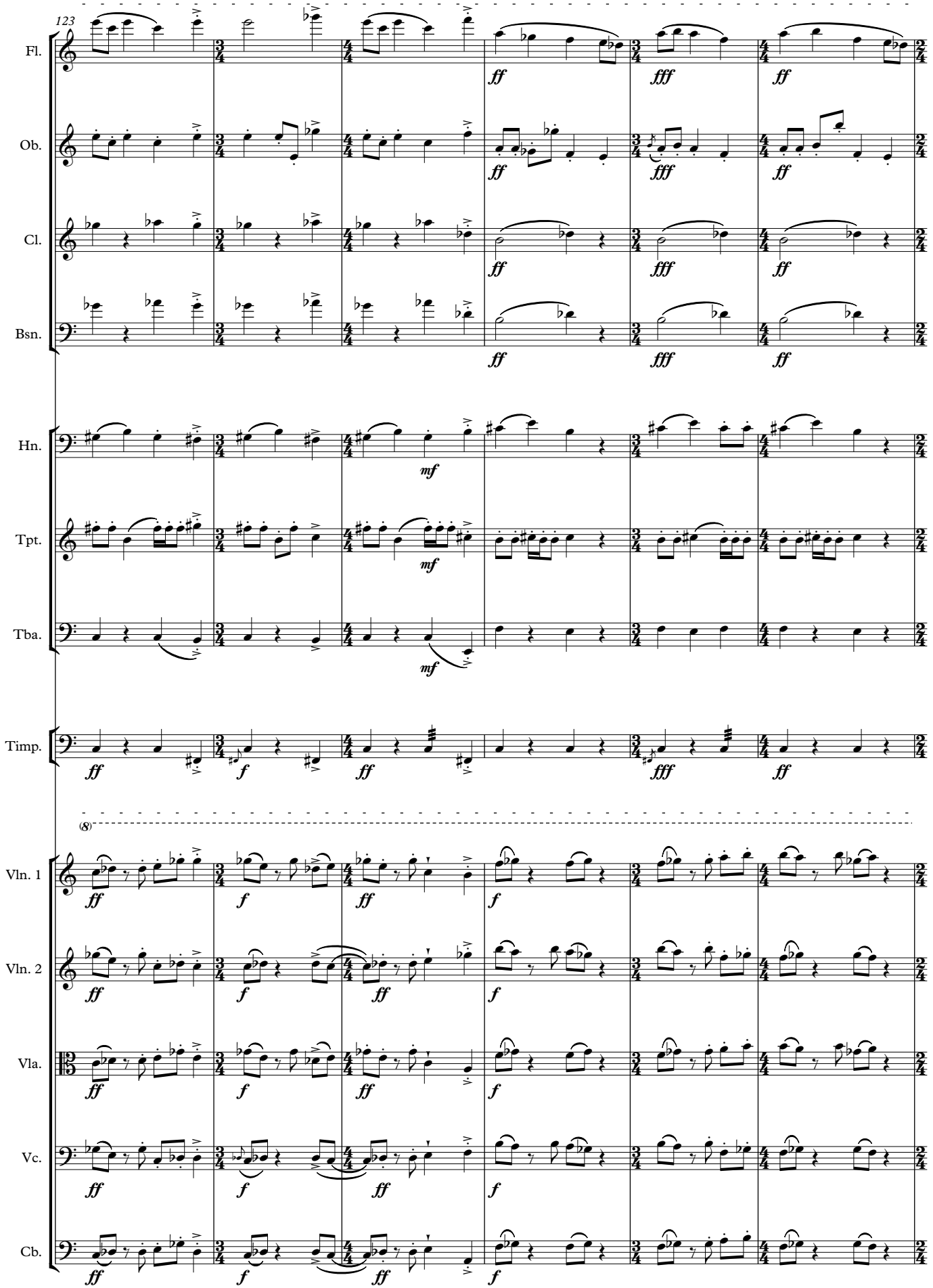

E
89
giocoso
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
E
giocoso
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.

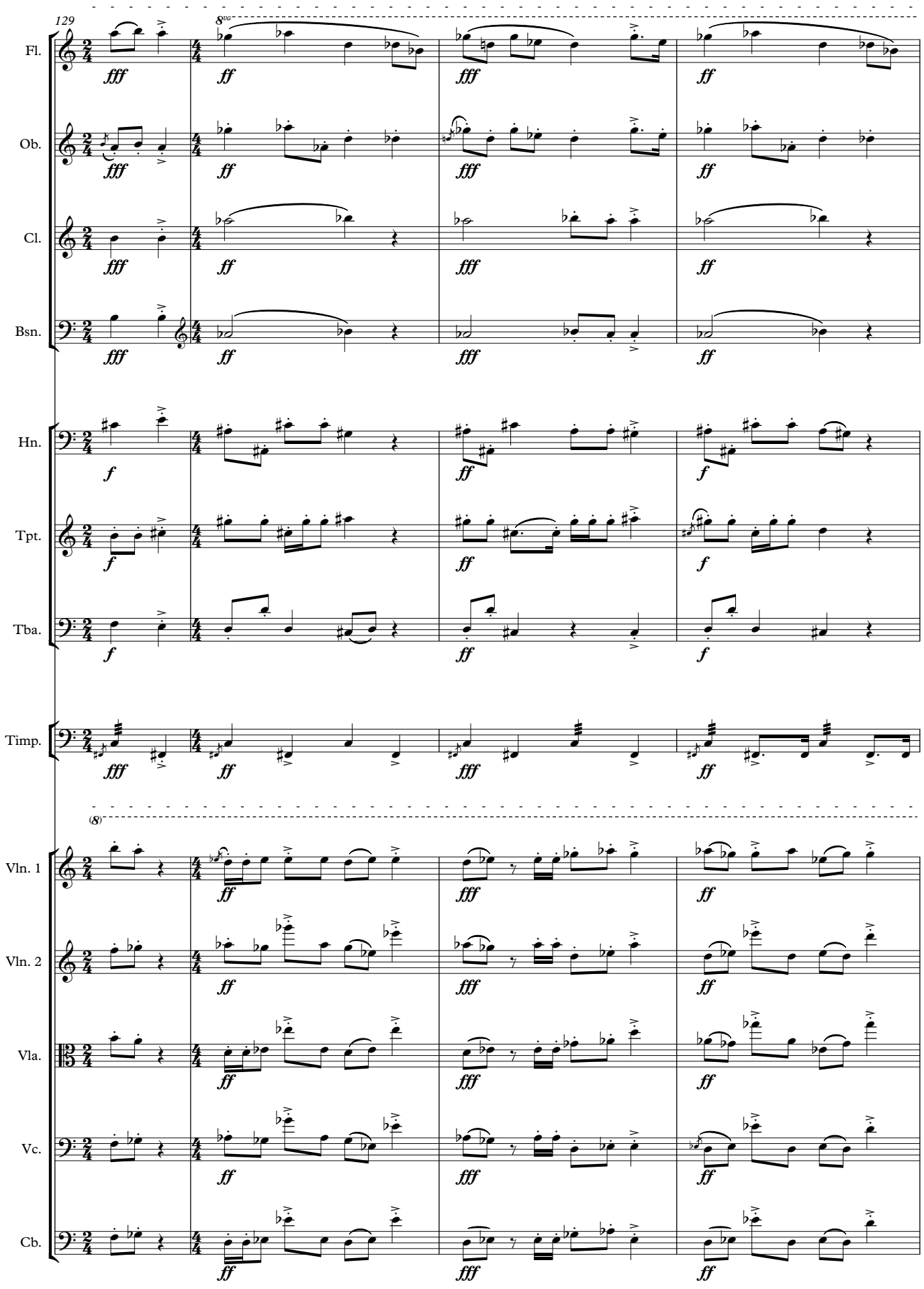

95
(4+3)
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
arco
(4+3)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
p
mp
pp

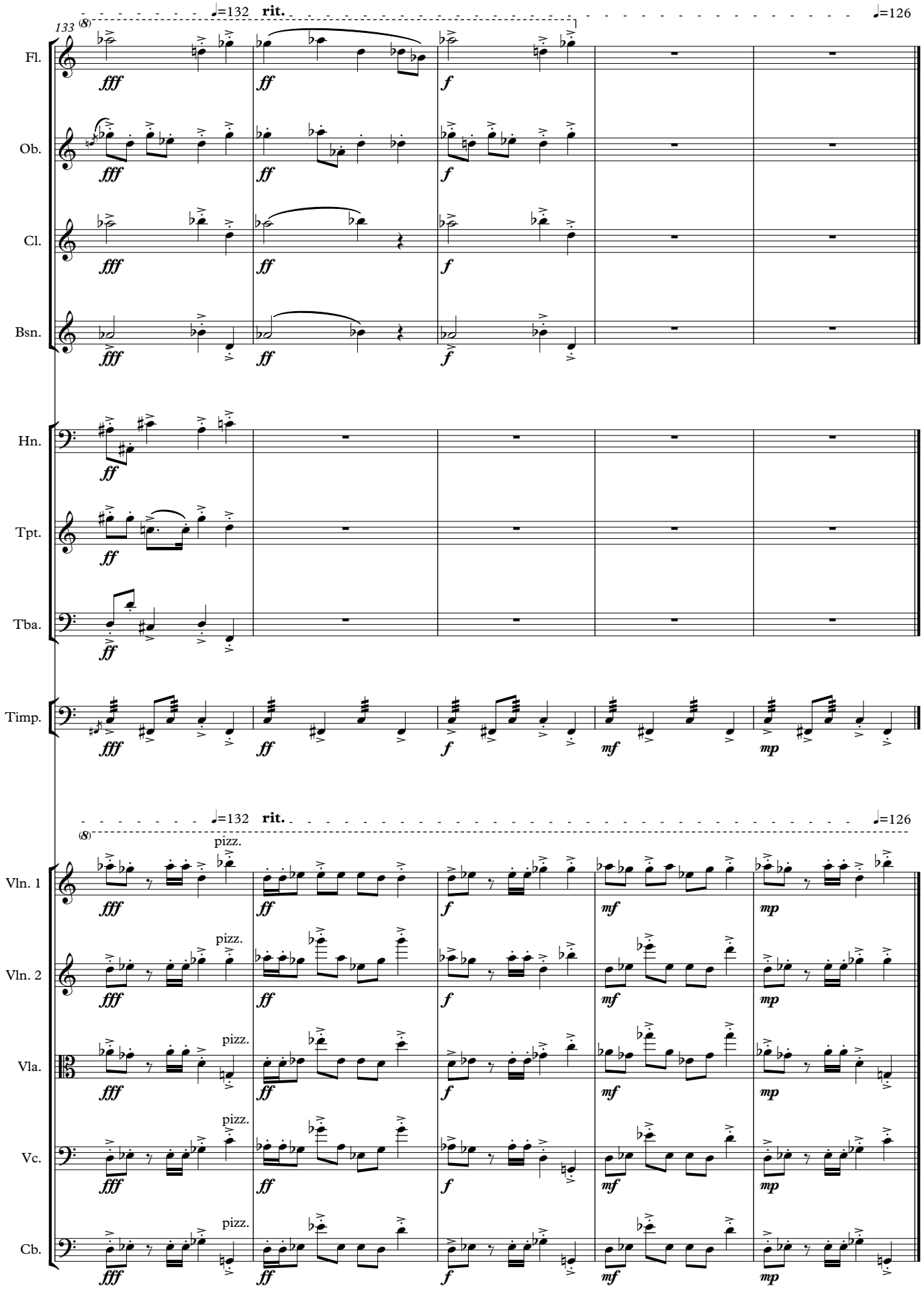

102
(2+3)
grandioso
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pp
p
mp
mf


110
accel.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
8va
accel.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


F
♩=126 animato accel.
117
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
F
♩=126 animato accel.
(8)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


123
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
(8)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


129
8va
(8)
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
fff
ff
f

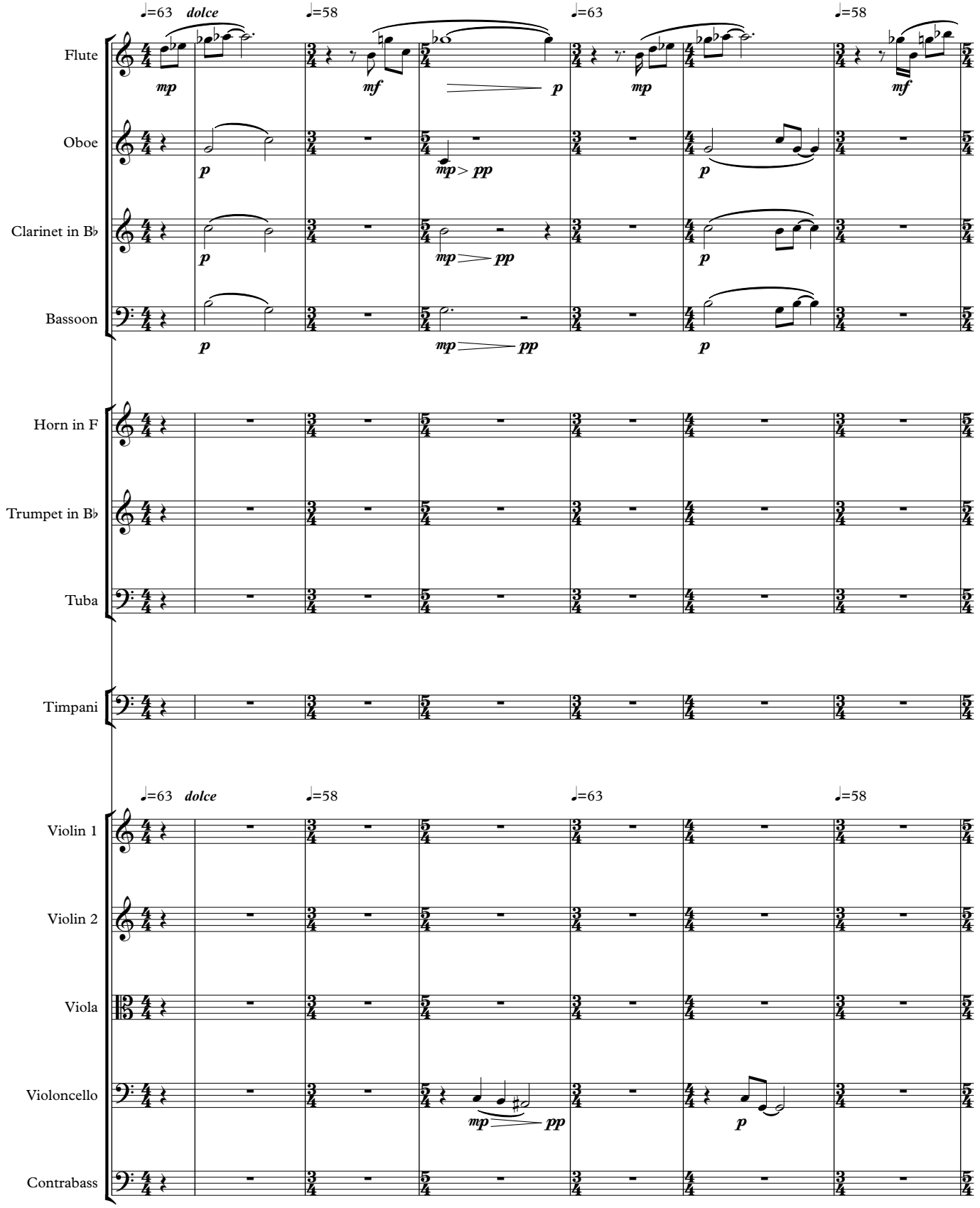

133
♩=132 rit. ♩=126
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.
fff
ff
f
mf
mp

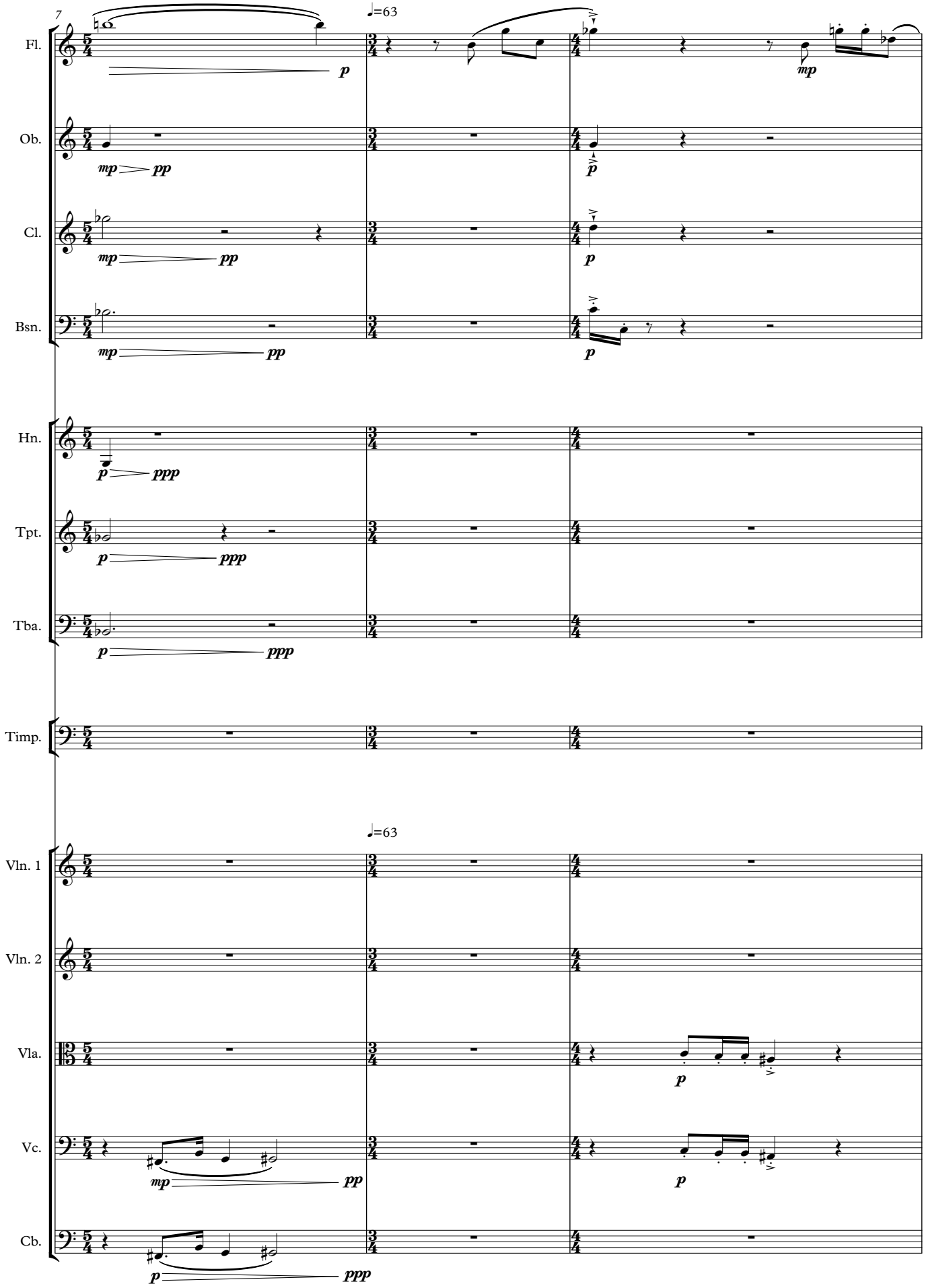
One to Another

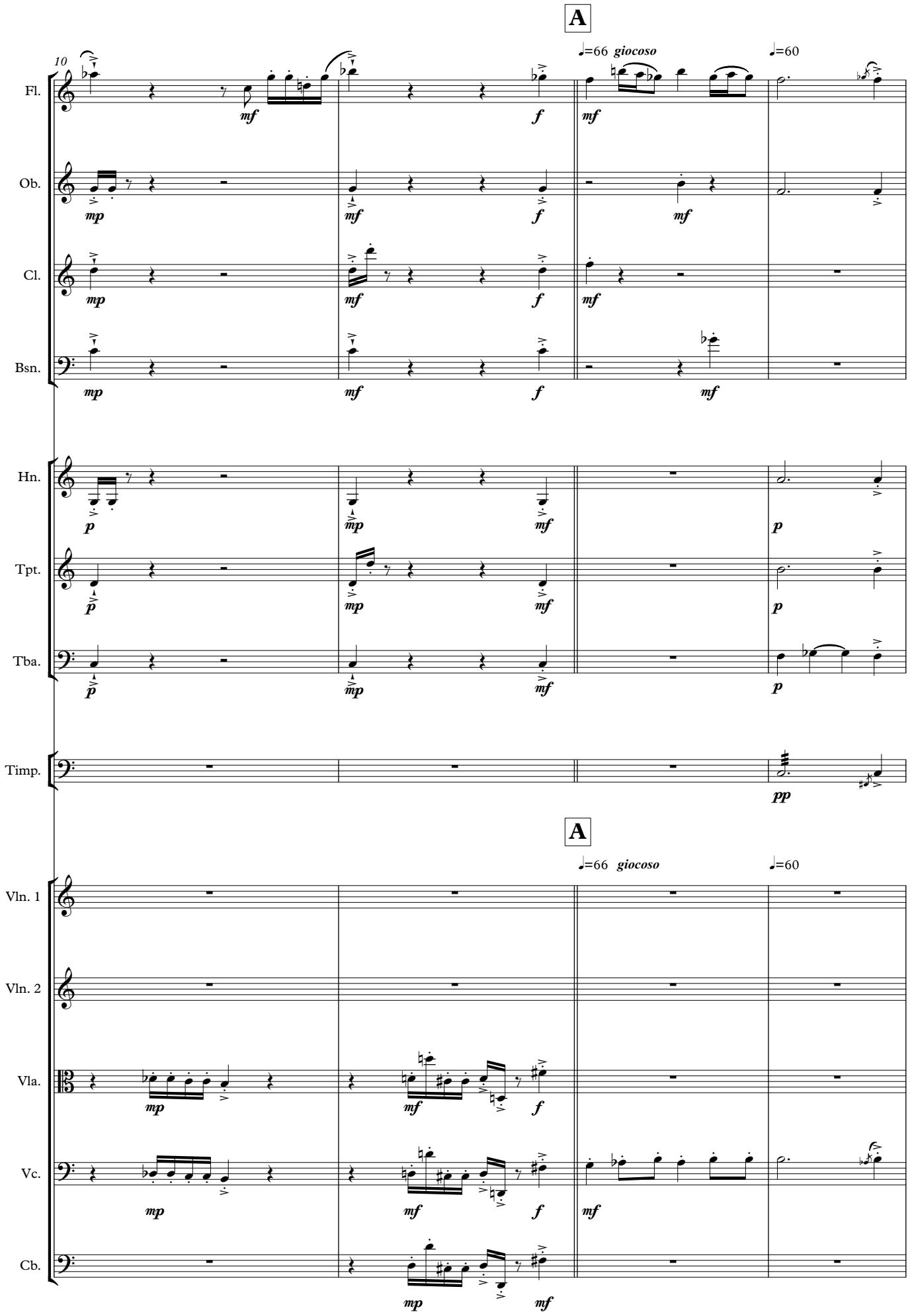
(for large ensemble)

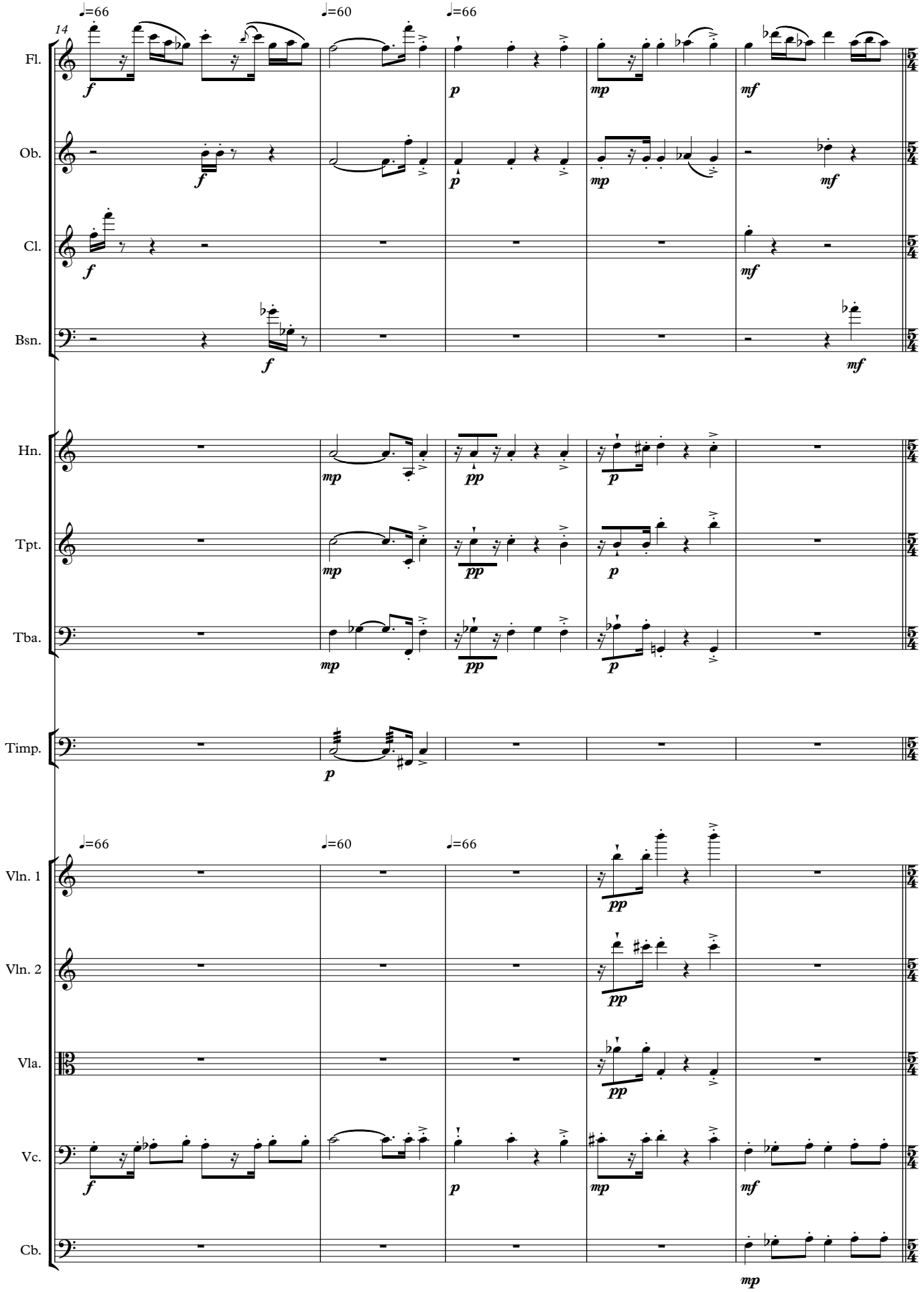
Movement Two

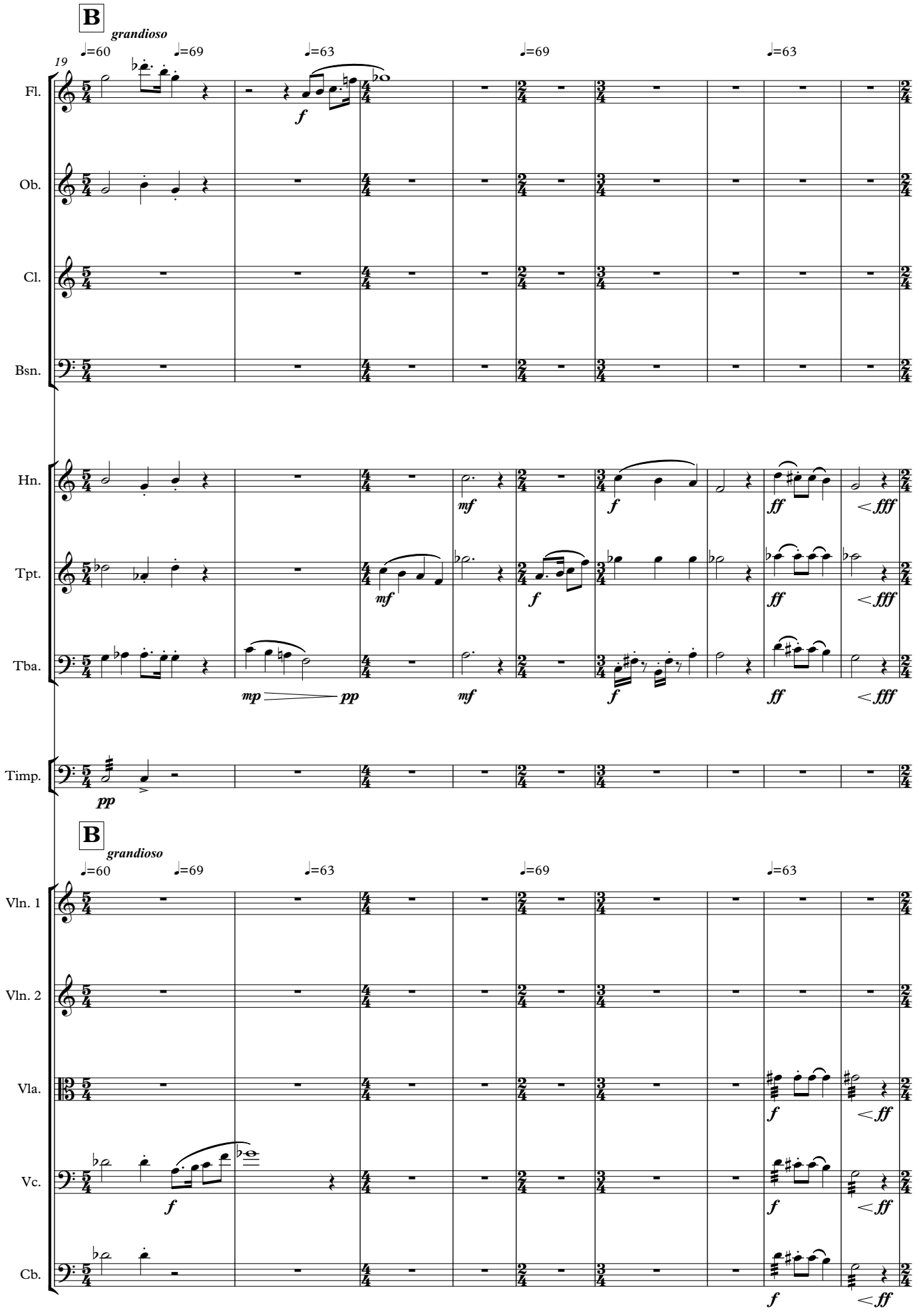
Michael McNeilis

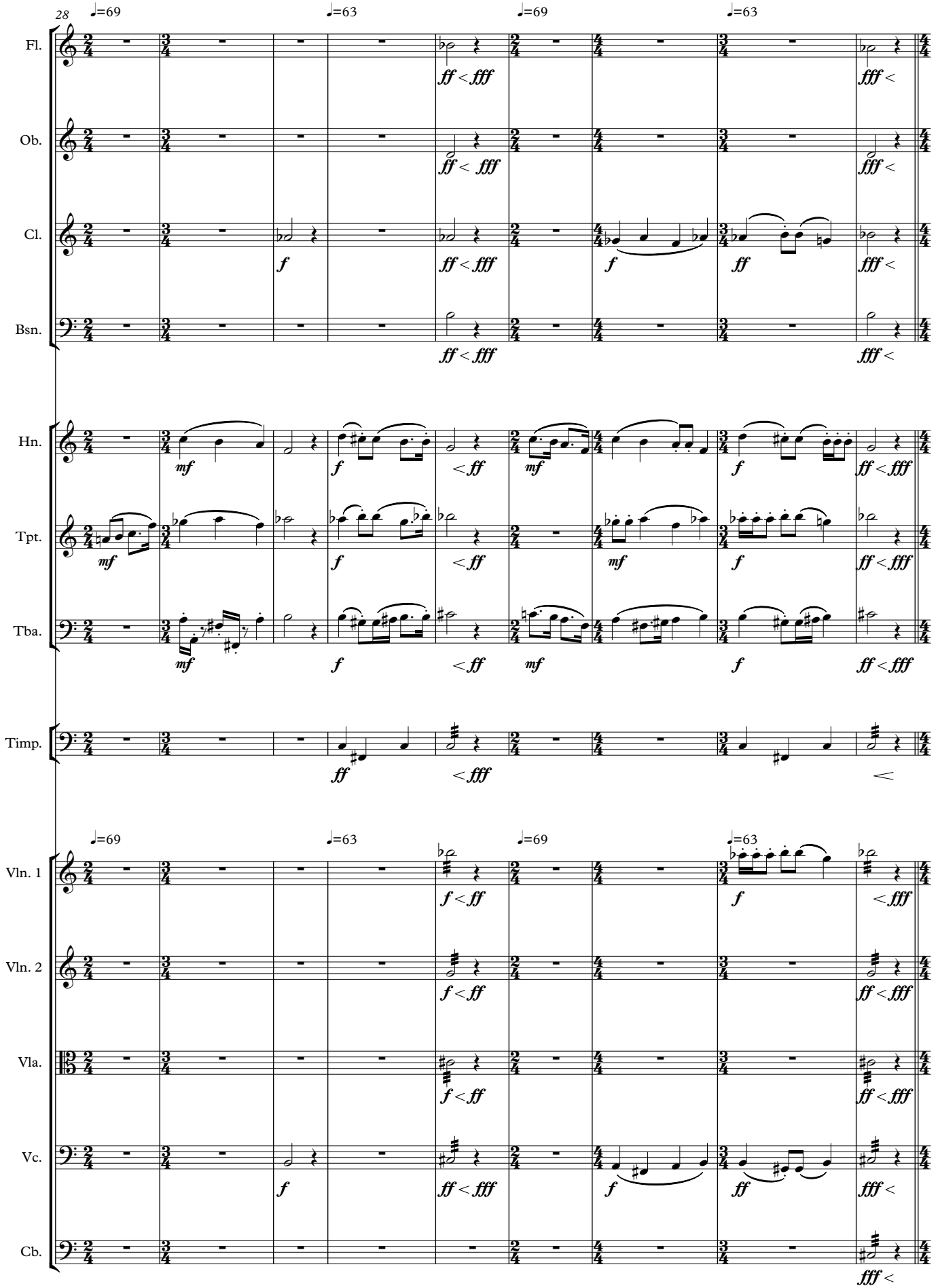


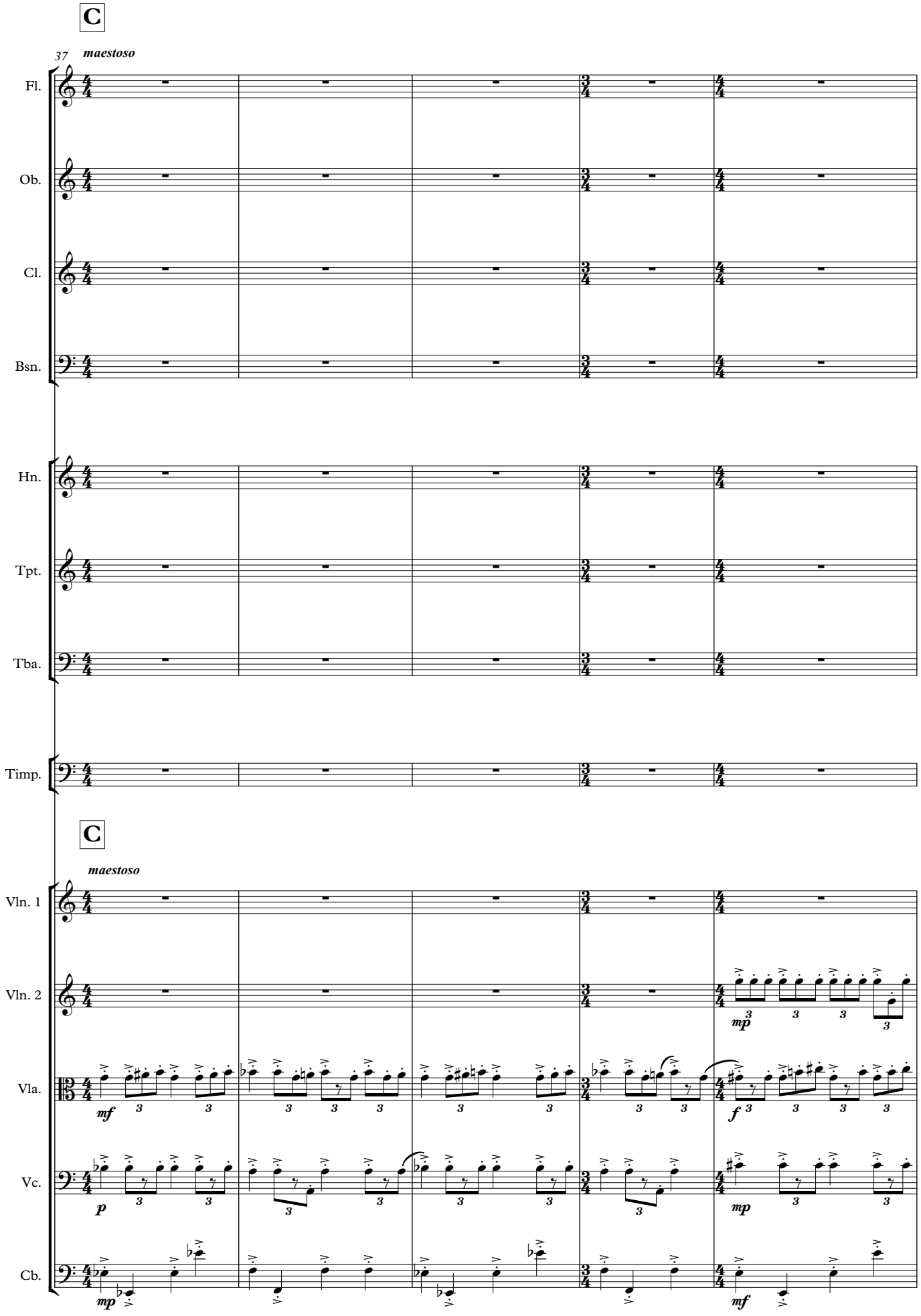

7
♩=63
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
♩=63
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

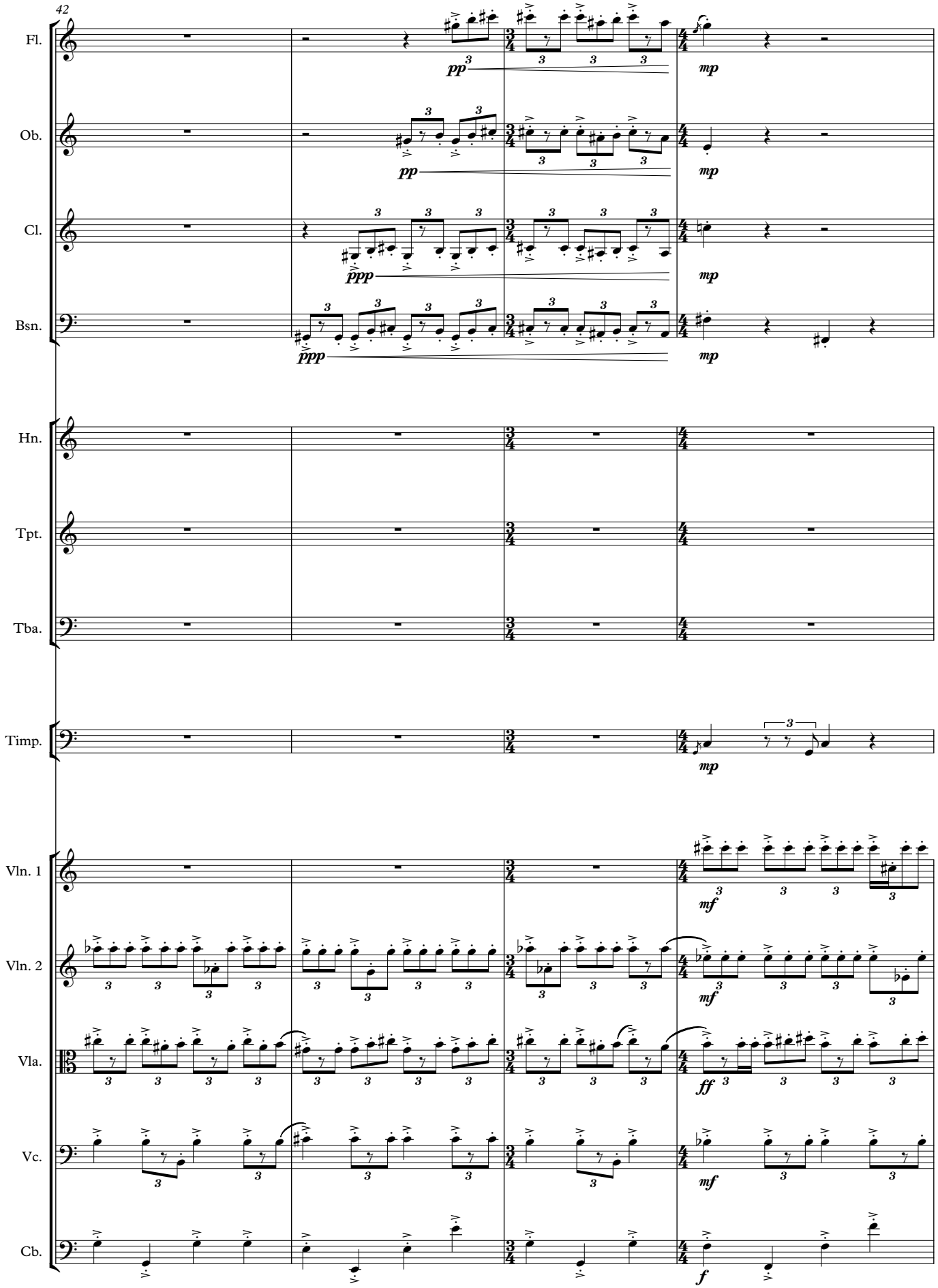

A
10
♩=66 giocoso
♩=60
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
A
♩=66 giocoso
♩=60
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

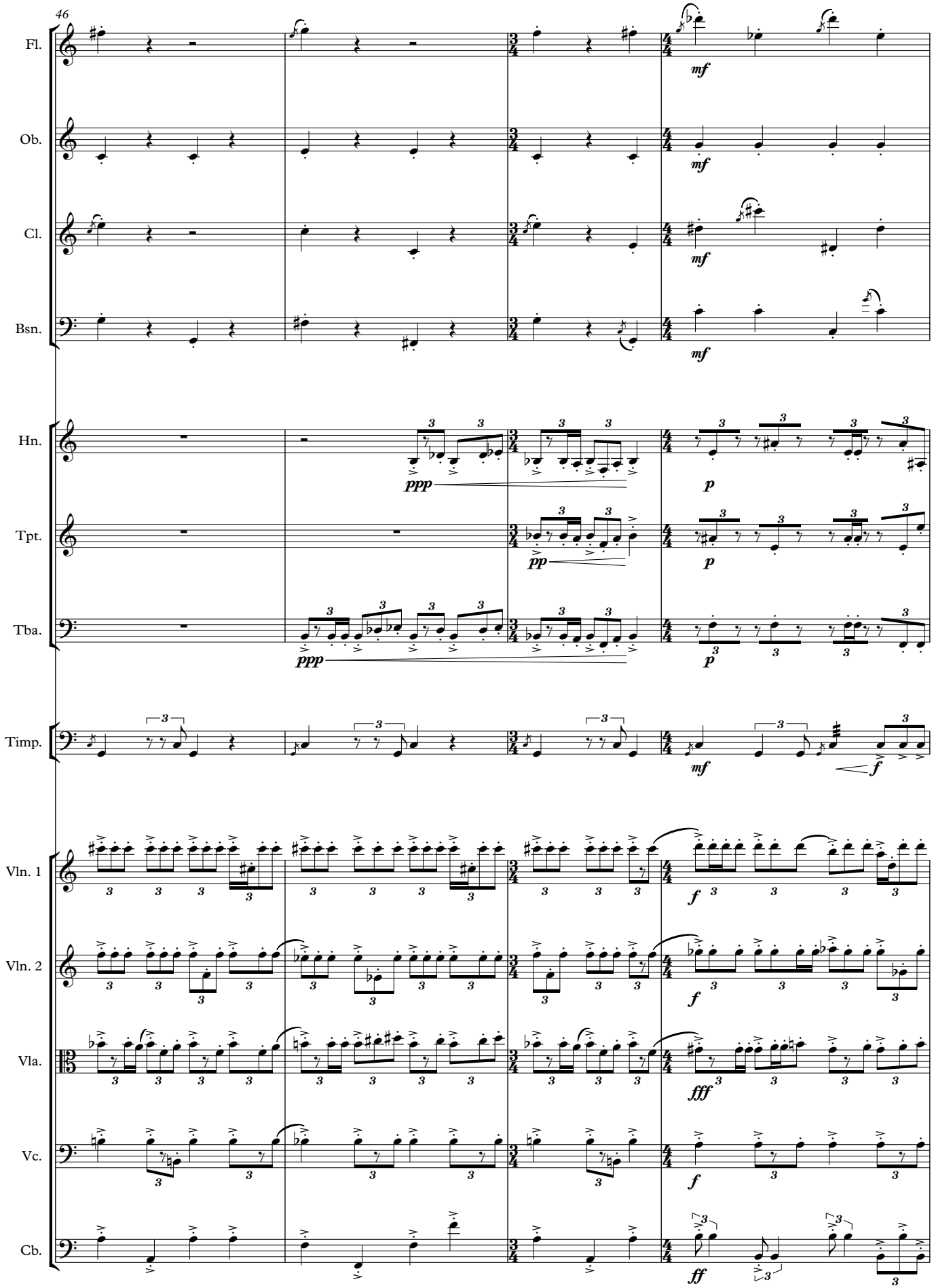

14
♩=66
♩=60
♩=66
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
f
p
mp
mf
pp

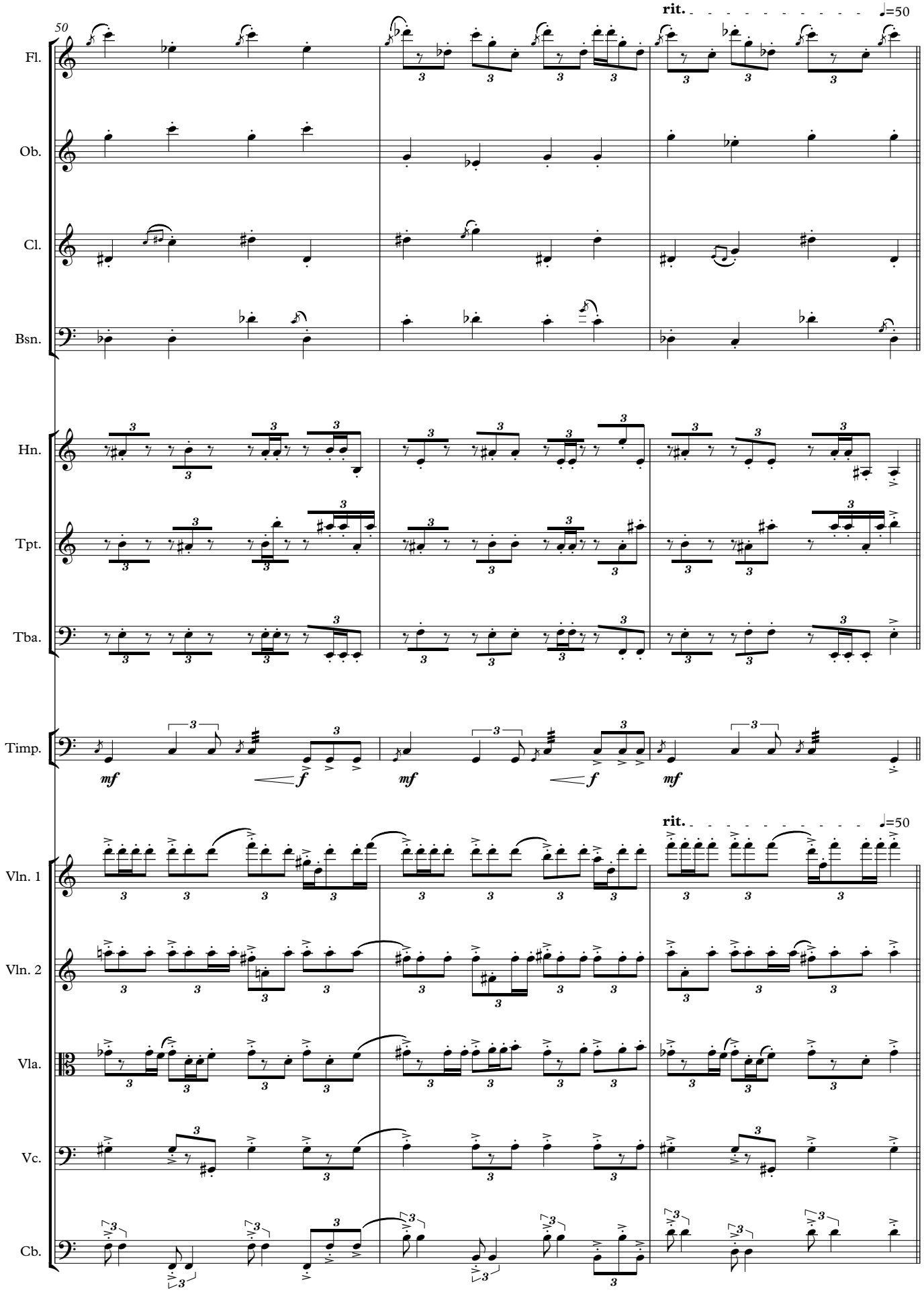

B
grandioso
♩=60
♩=69
♩=63
♩=69
♩=63
19
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
f
mf
ff
fff
mp
pp
B
grandioso
♩=60
♩=69
♩=63
♩=69
♩=63
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

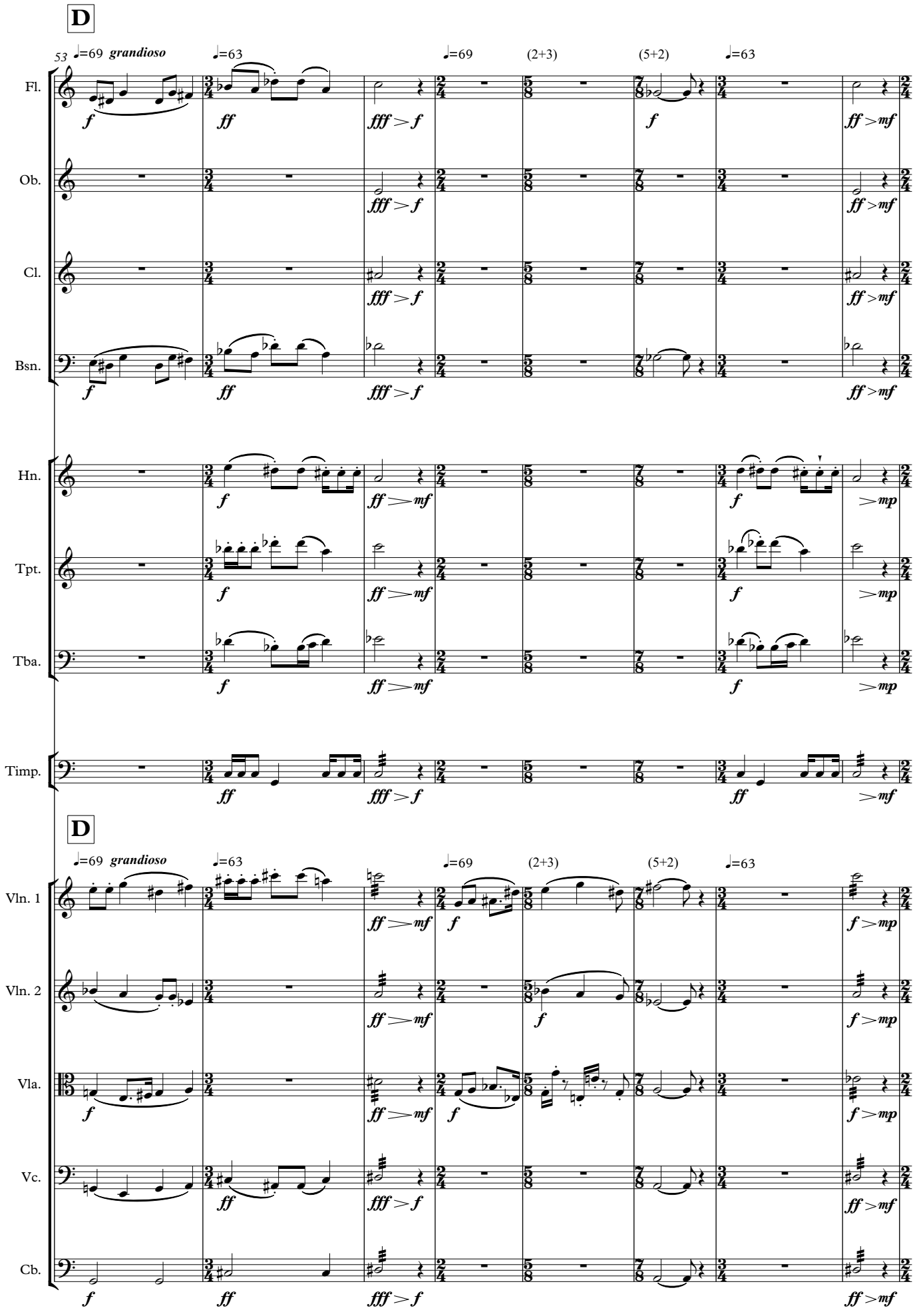

28
♩=69
♩=63
♩=69
♩=63
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

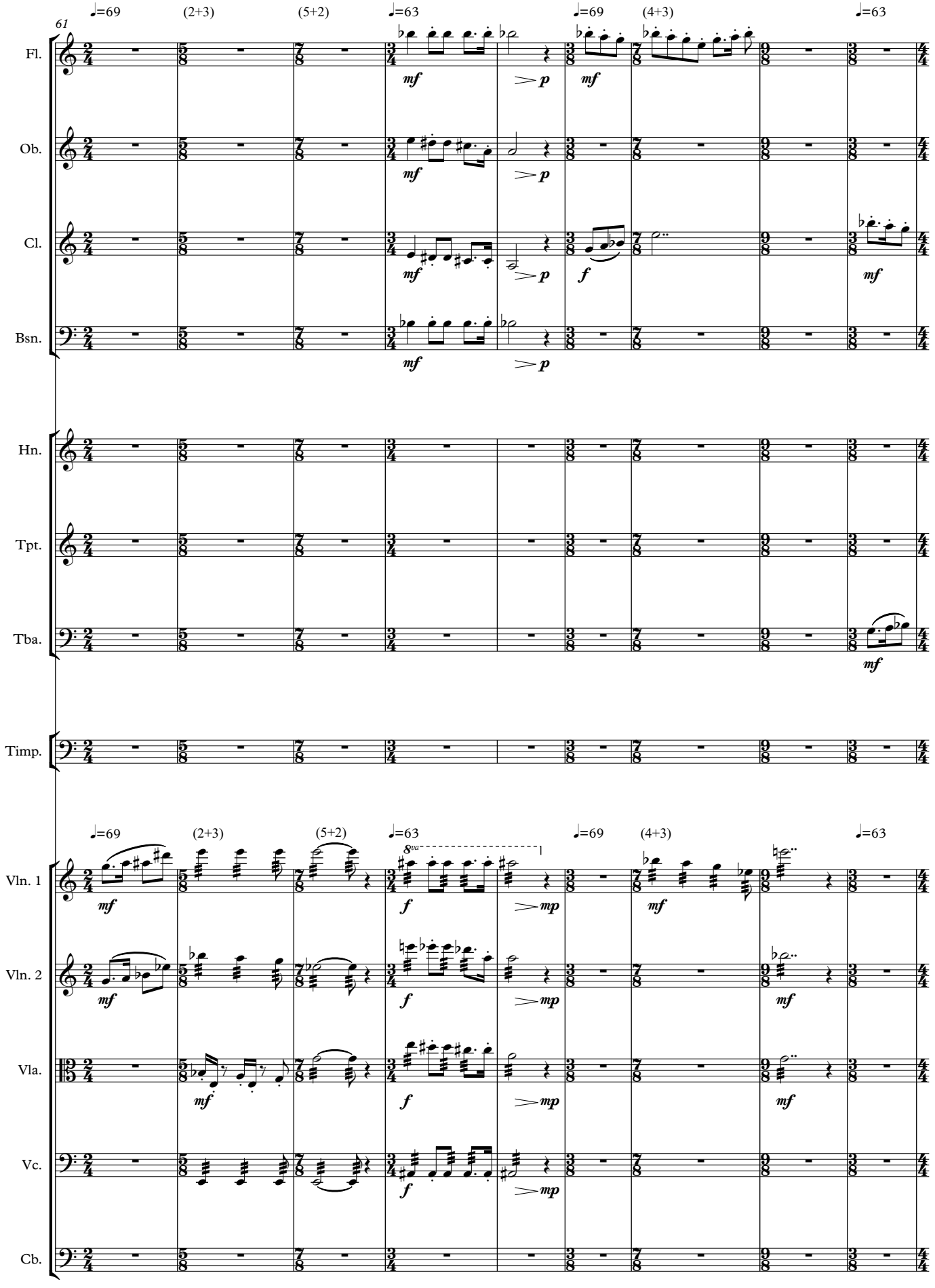

C
37
maestoso
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
C
maestoso
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
mf
p
mp
f
mp
mp
mf

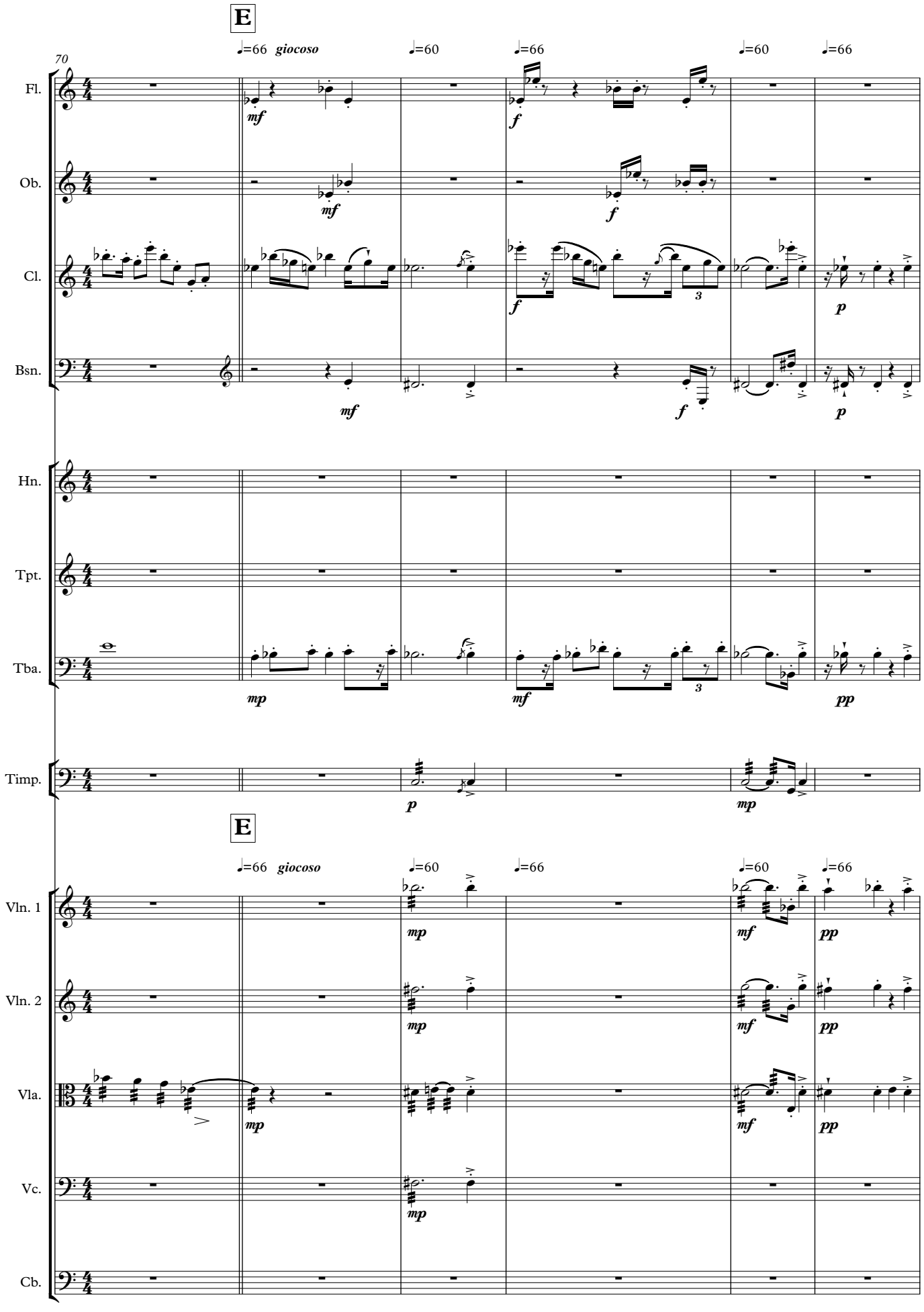

42
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pp
ppp
mp
mf
ff
f

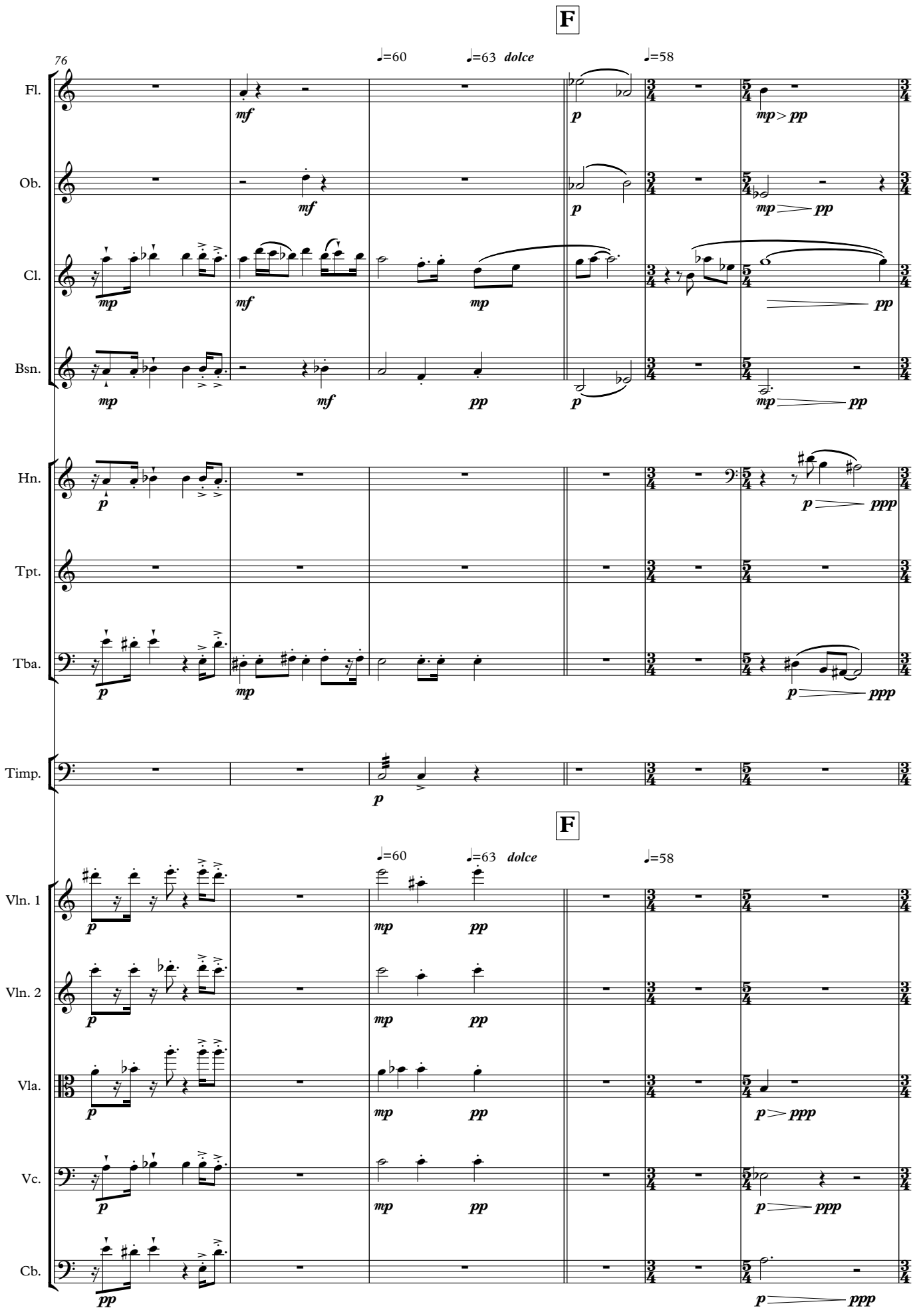

46
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
mf
ppp
pp
p
f
fff
ff

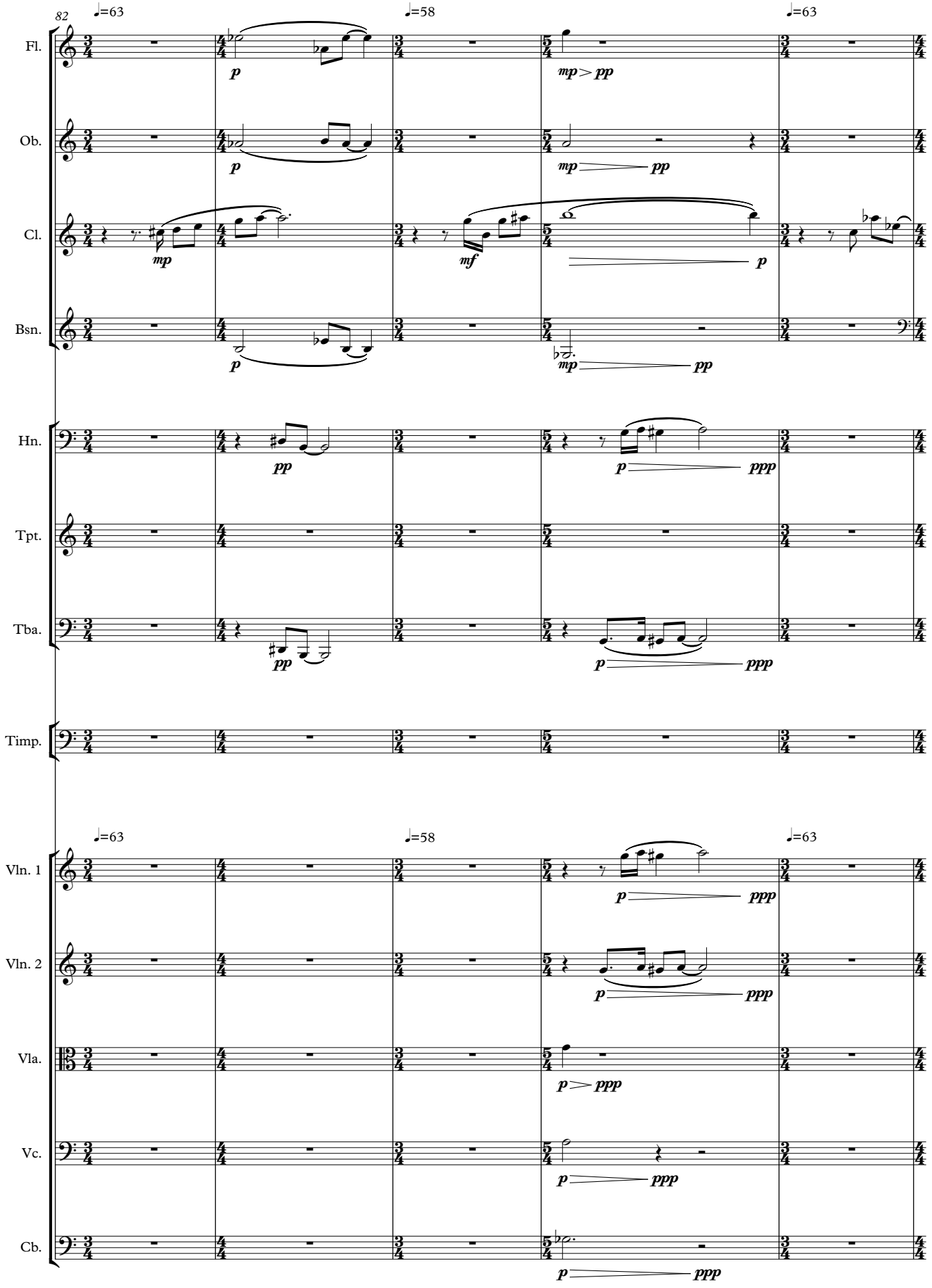

50
rit.
♩=50
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
mf
f
mf
f
mf
rit.
♩=50
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

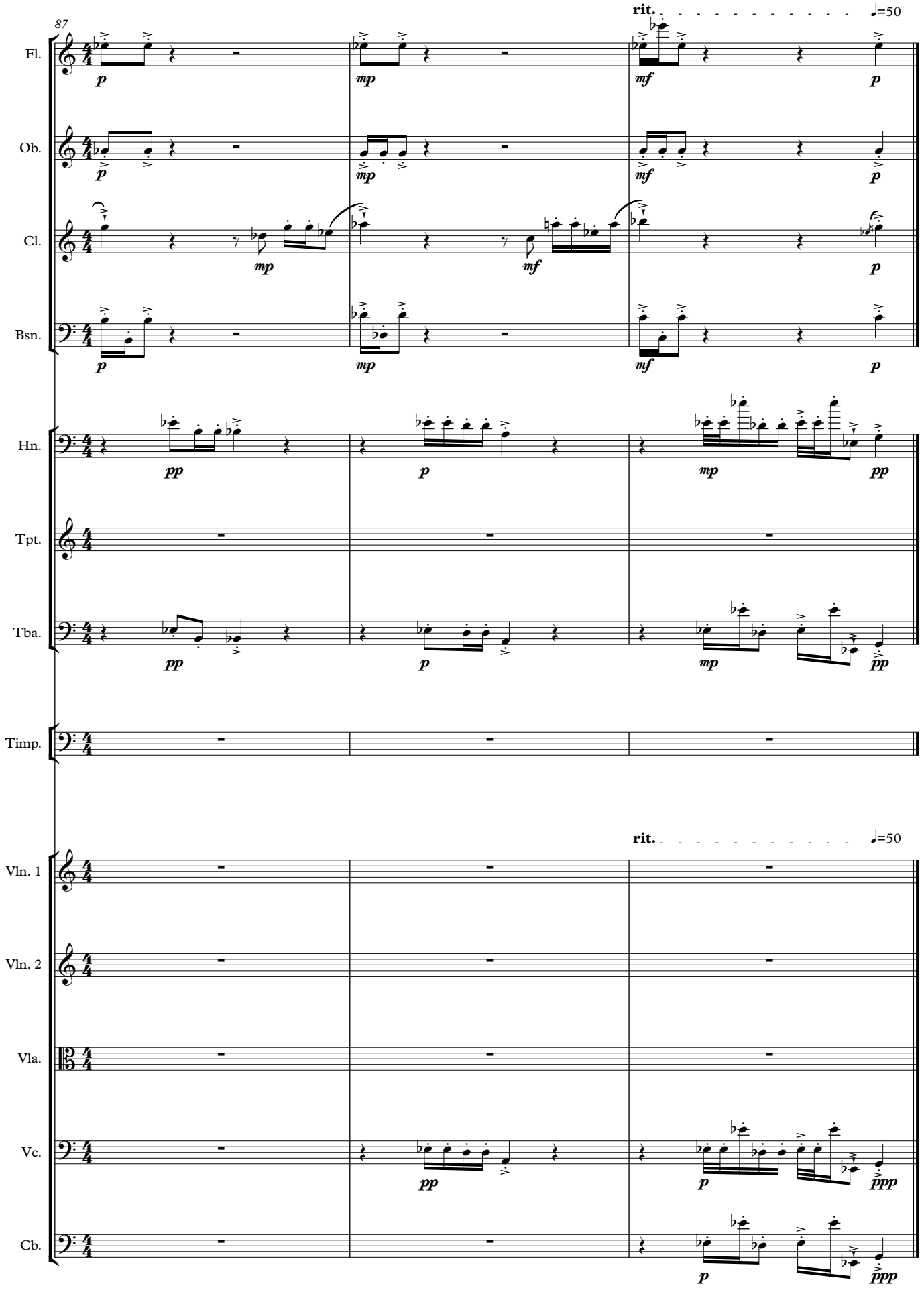

D
53
♩=69 grandioso
♩=63
♩=69
(2+3)
(5+2)
♩=63
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
D
♩=69 grandioso
♩=63
♩=69
(2+3)
(5+2)
♩=63
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


61
♩=69
(2+3)
(5+2)
♩=63
♩=69
(4+3)
♩=63
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
mf
p
f
mp
8va


E
70
♩=66 giocoso
♩=60
♩=66
♩=60
♩=66
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
mf
f
p
mp
pp
3
E
♩=66 giocoso
♩=60
♩=66
♩=60
♩=66
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


F
76
♩=60
♩=63 dolce
♩=58
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
F
♩=60
♩=63 dolce
♩=58
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


82
♩=63
♩=58
♩=63
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
p
mp > pp
mp
pp
mf
ppp

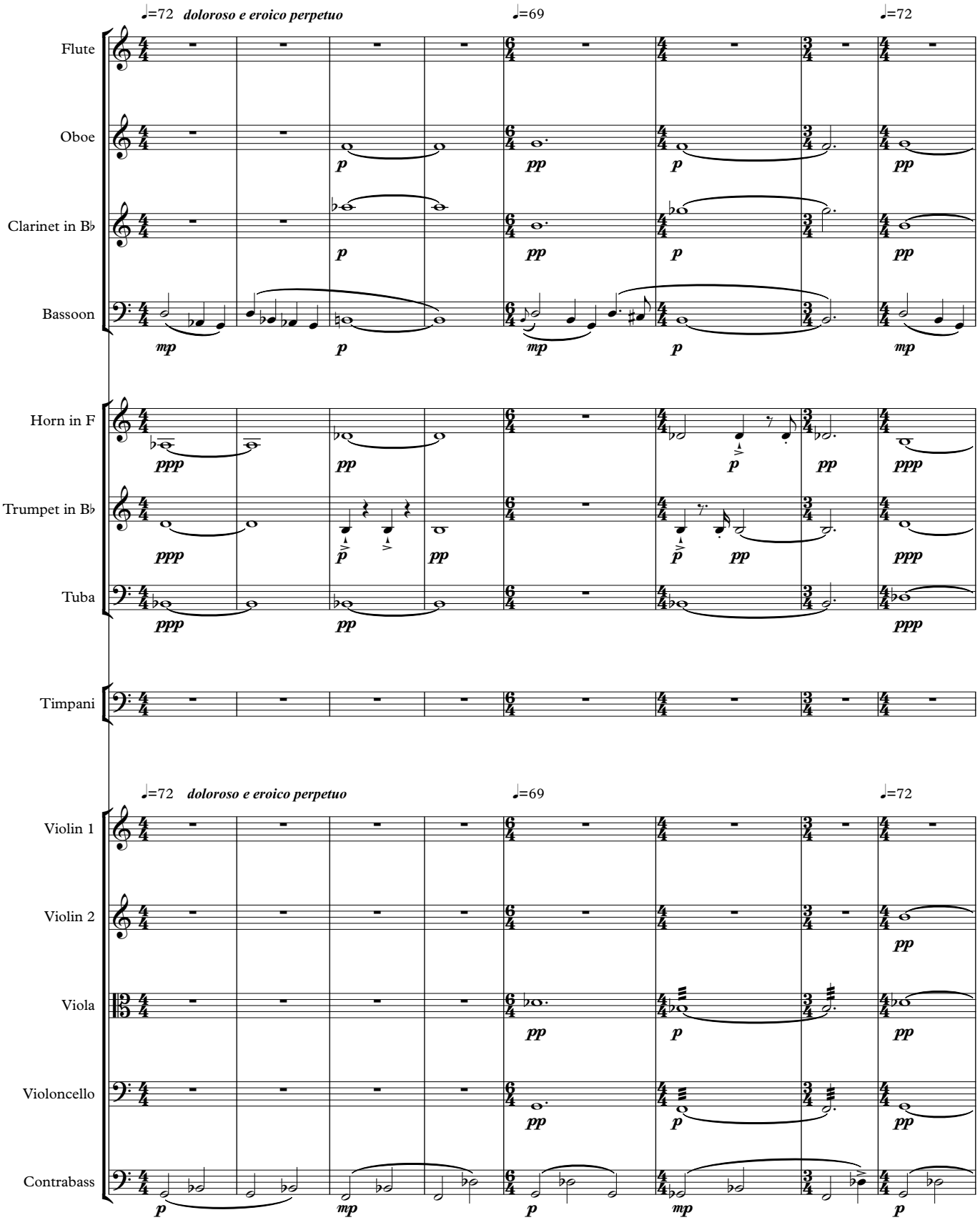

87
rit.
=50
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
p
mp
mf
pp
ppp

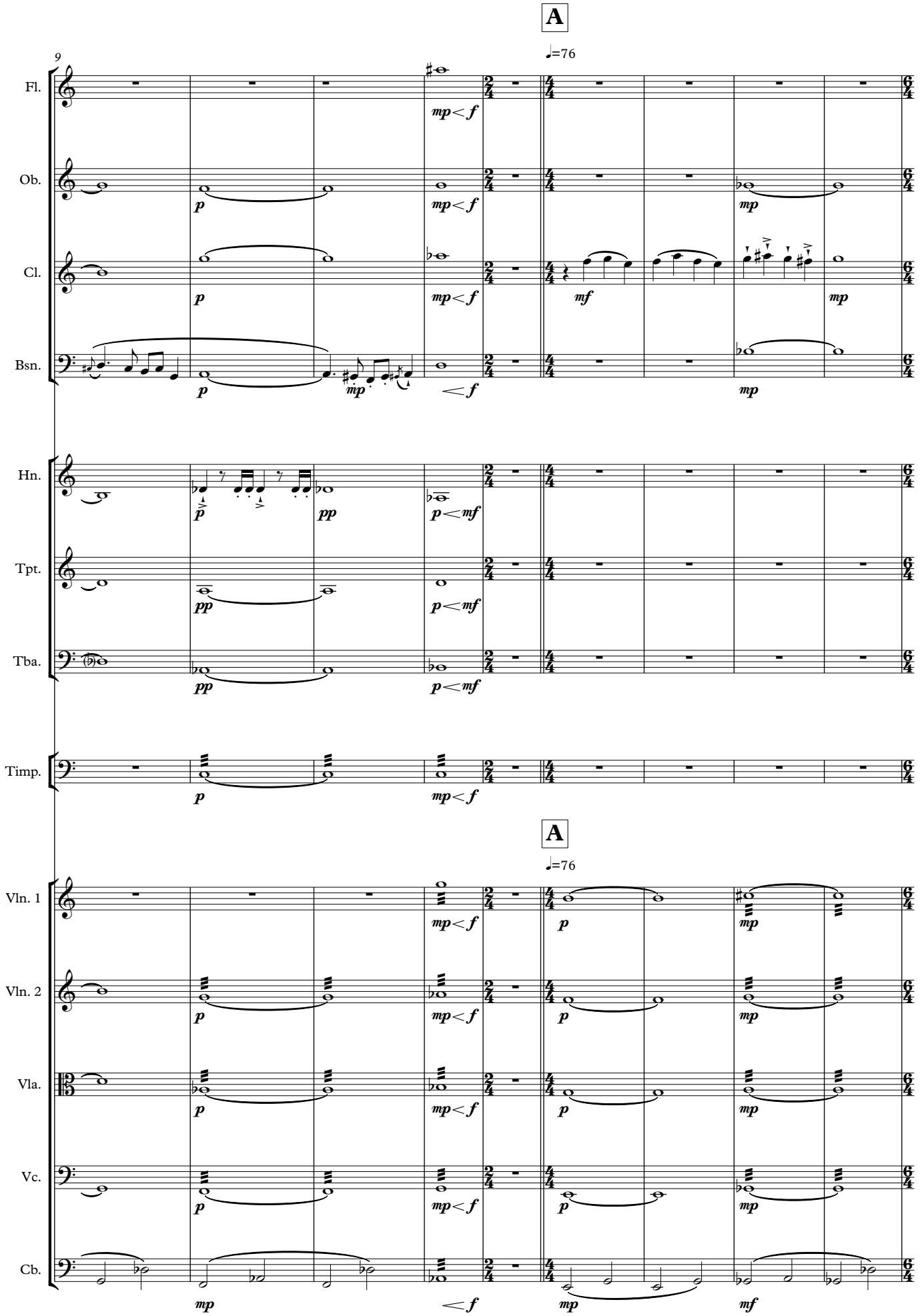
One to Another

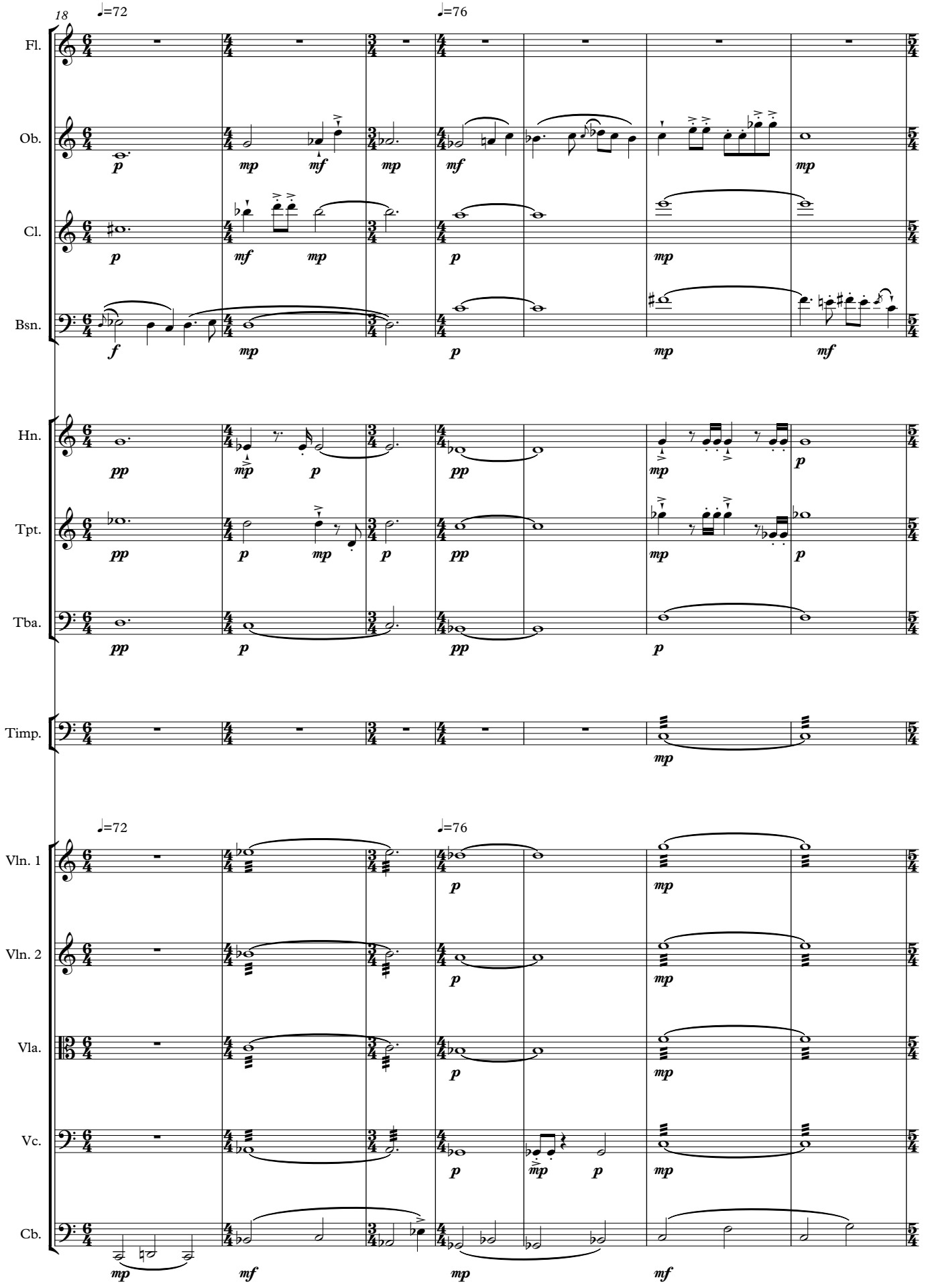
(for large ensemble)

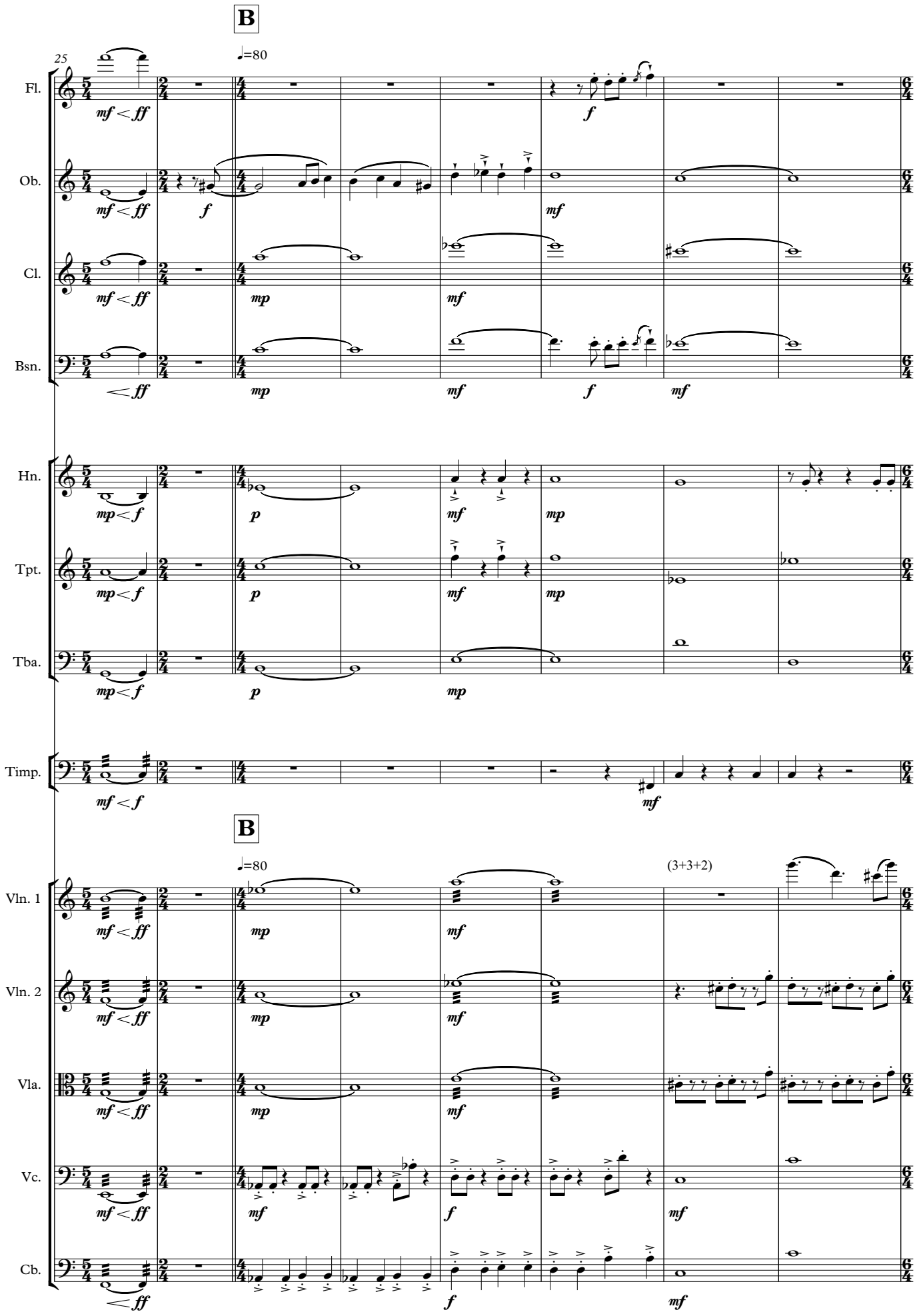
Movement Three

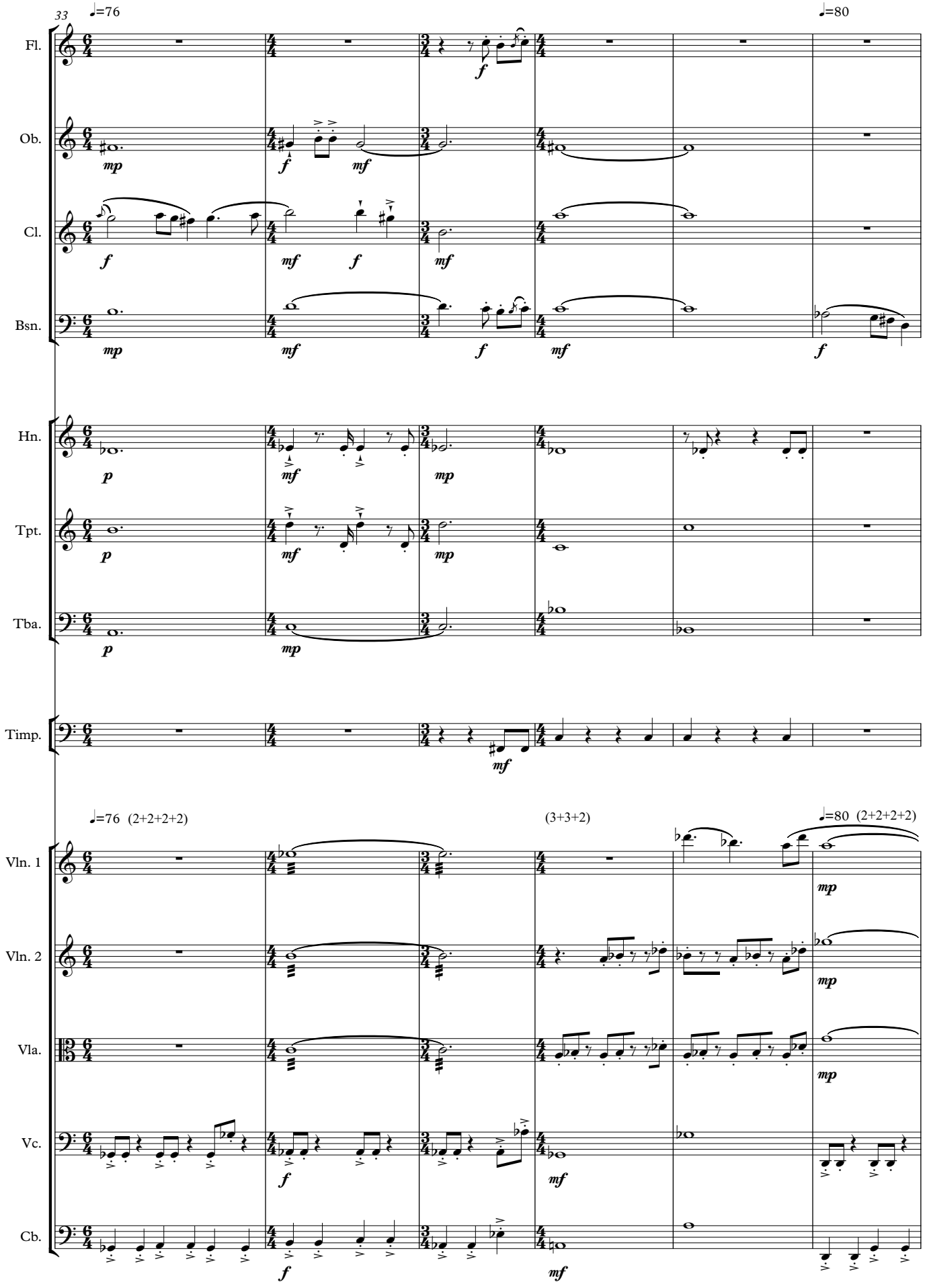
Michael McNeilis

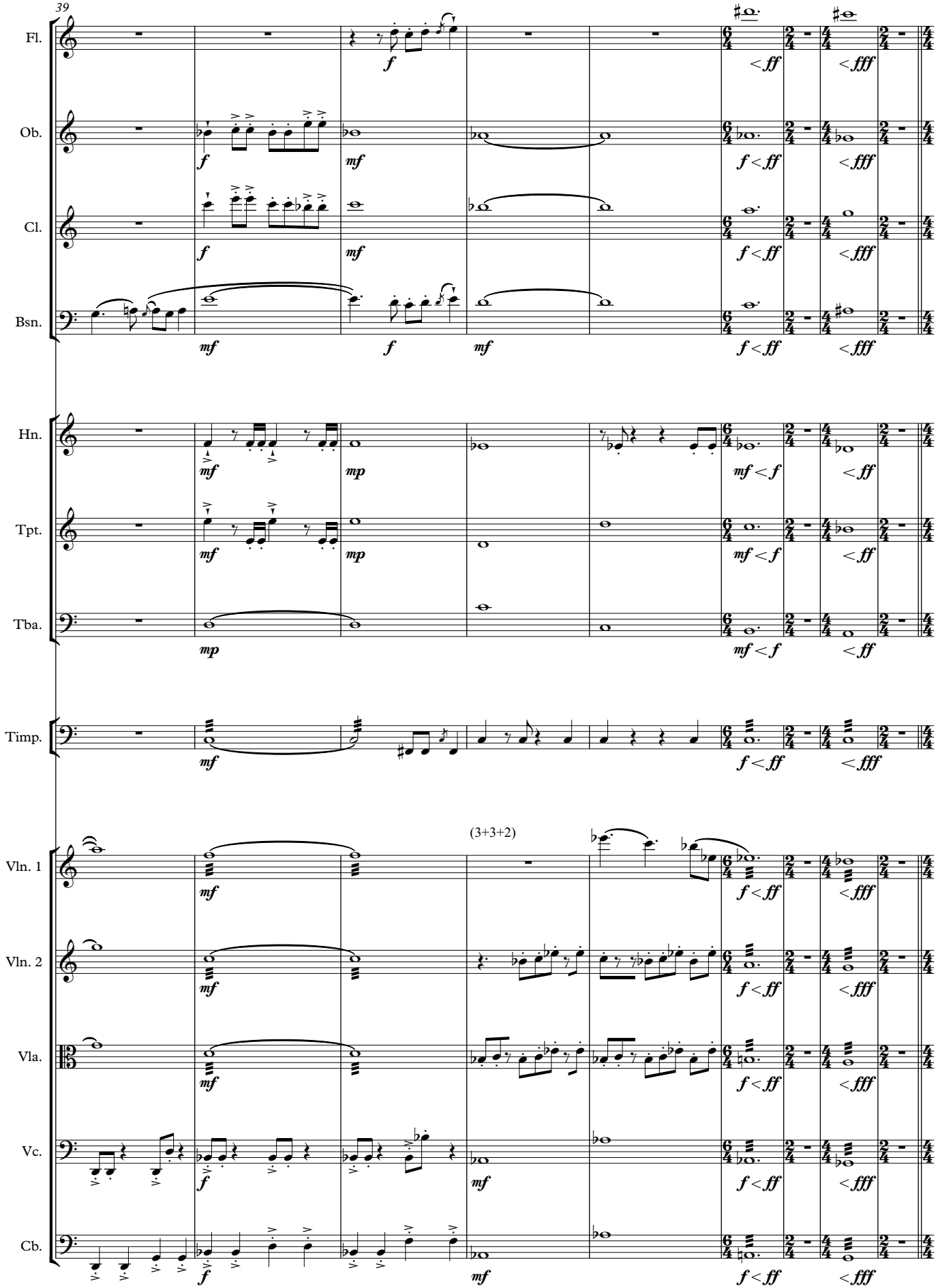


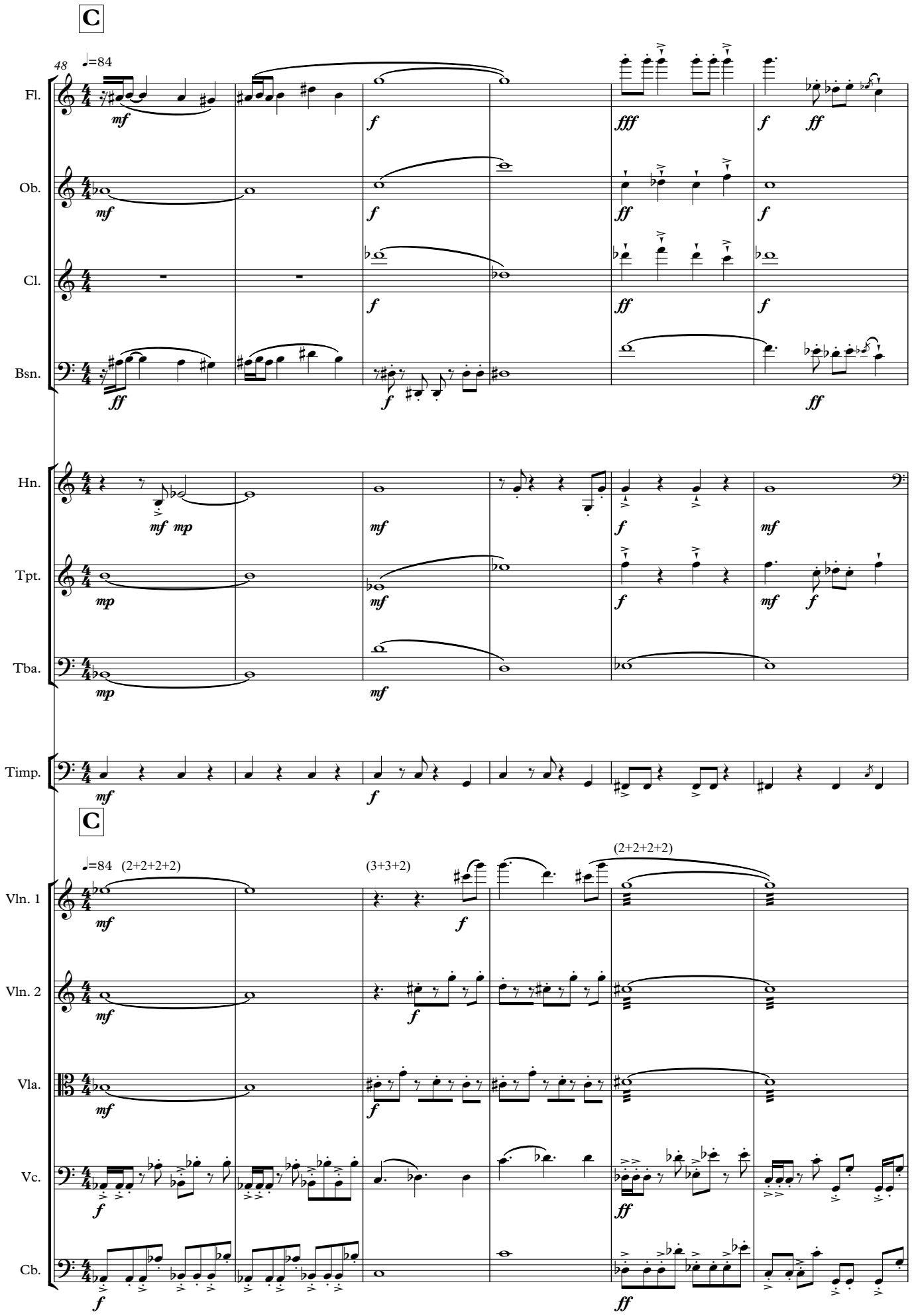

A
♩=76
9
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
A
♩=76
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

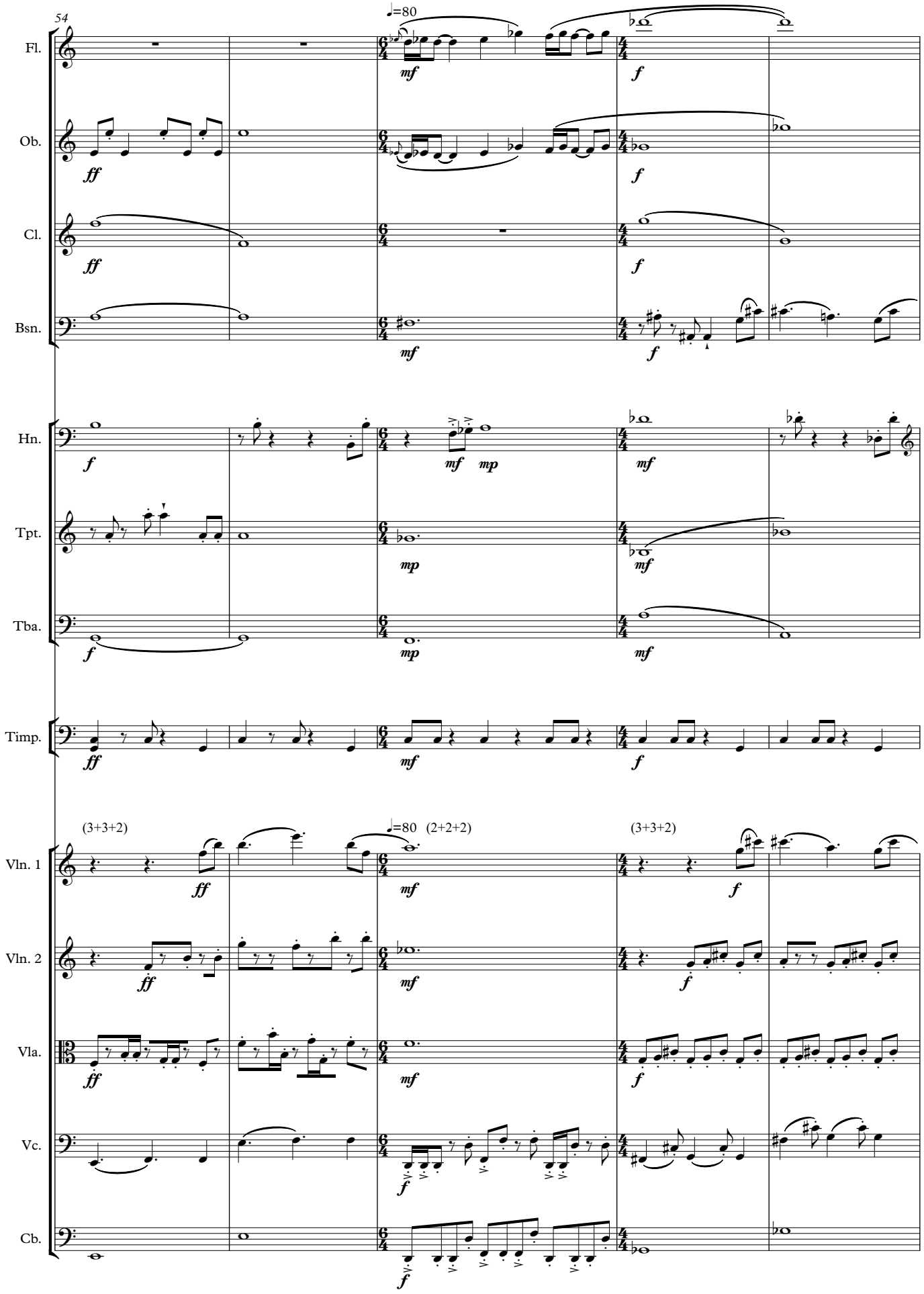

18
♩=72
♩=76
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
♩=72
♩=76
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

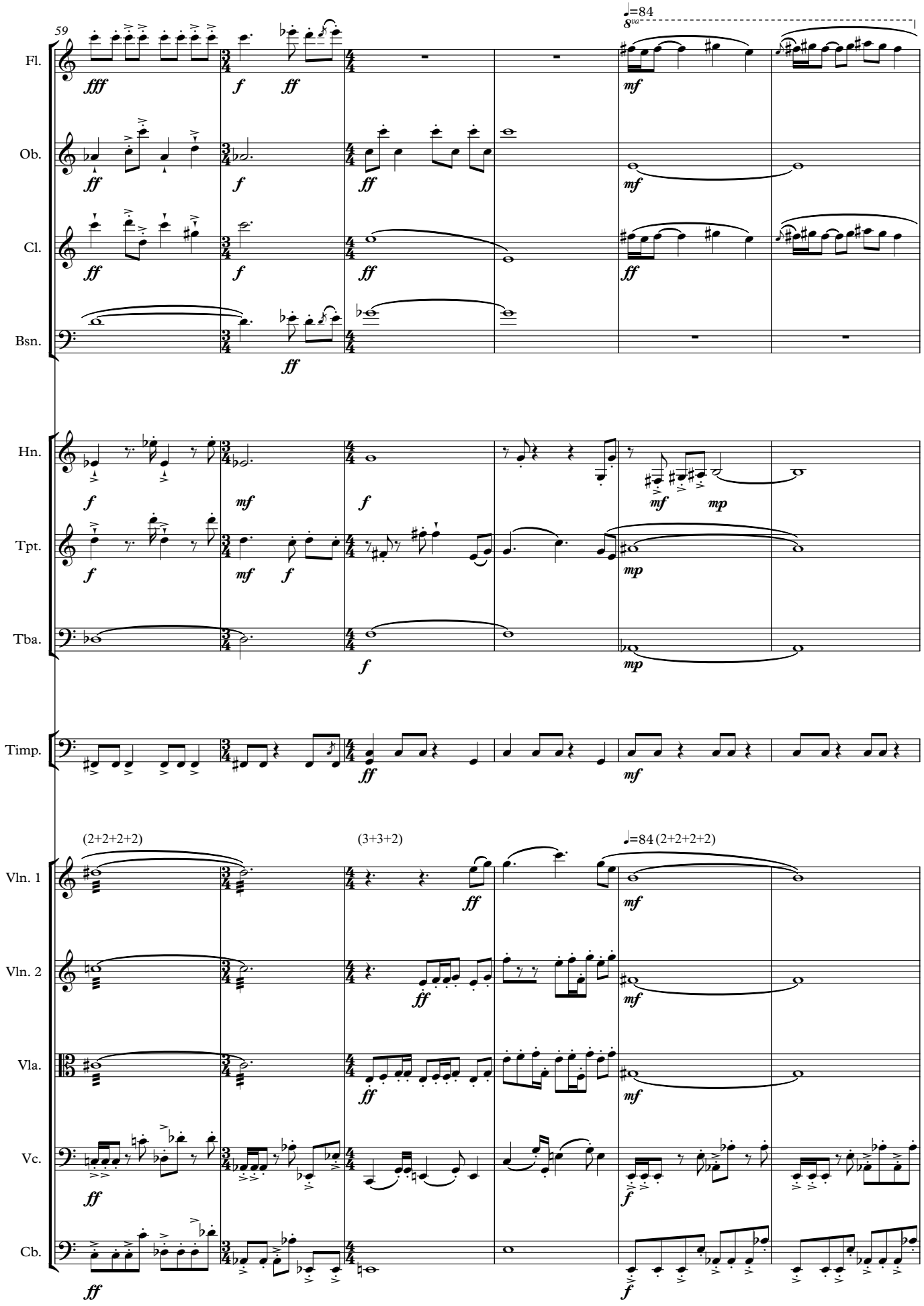

B
25
♩=80
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
B
♩=80
(3+3+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

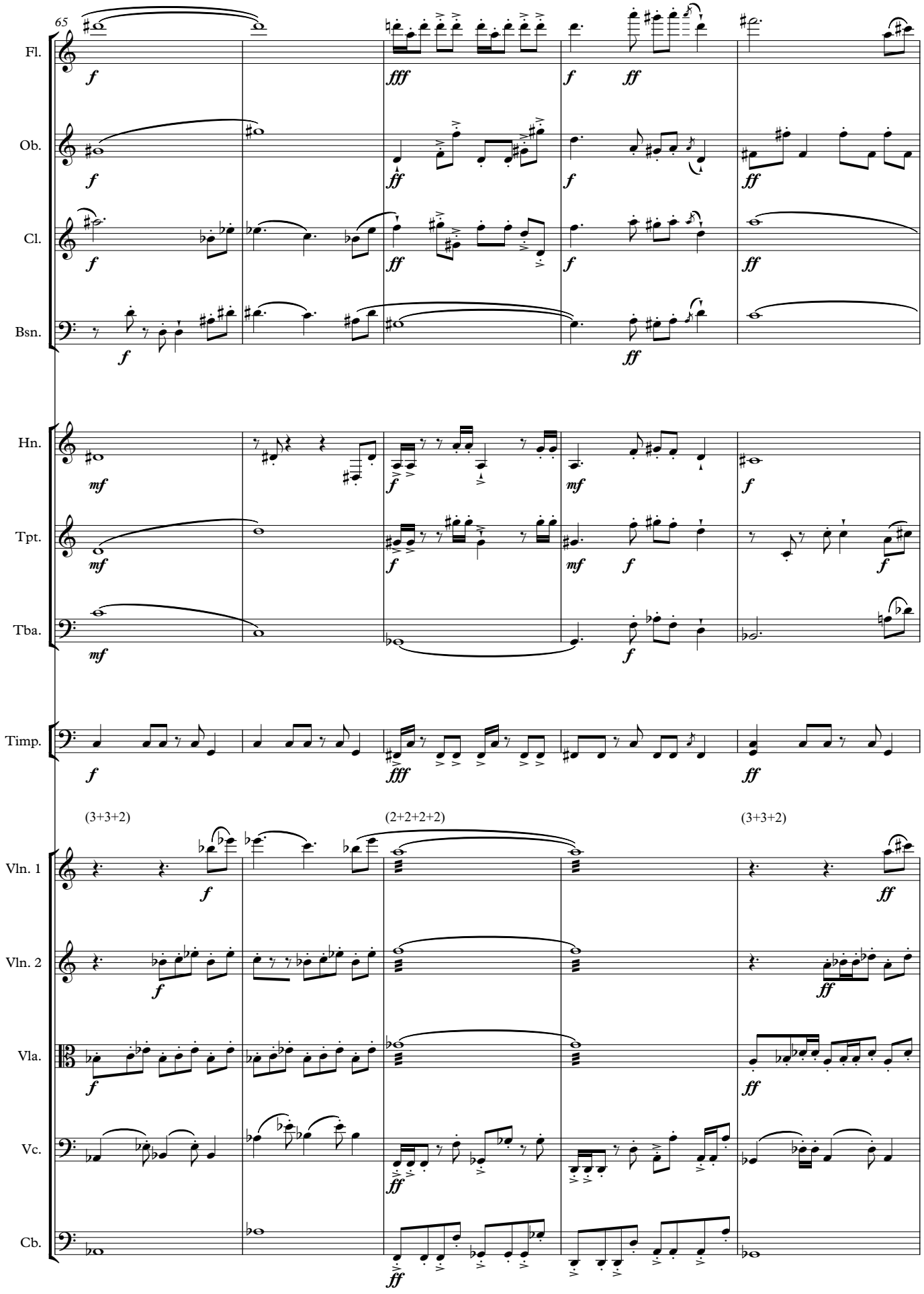

33
♩=76
♩=80
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
♩=76 (2+2+2+2)
(3+3+2)
♩=80 (2+2+2+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

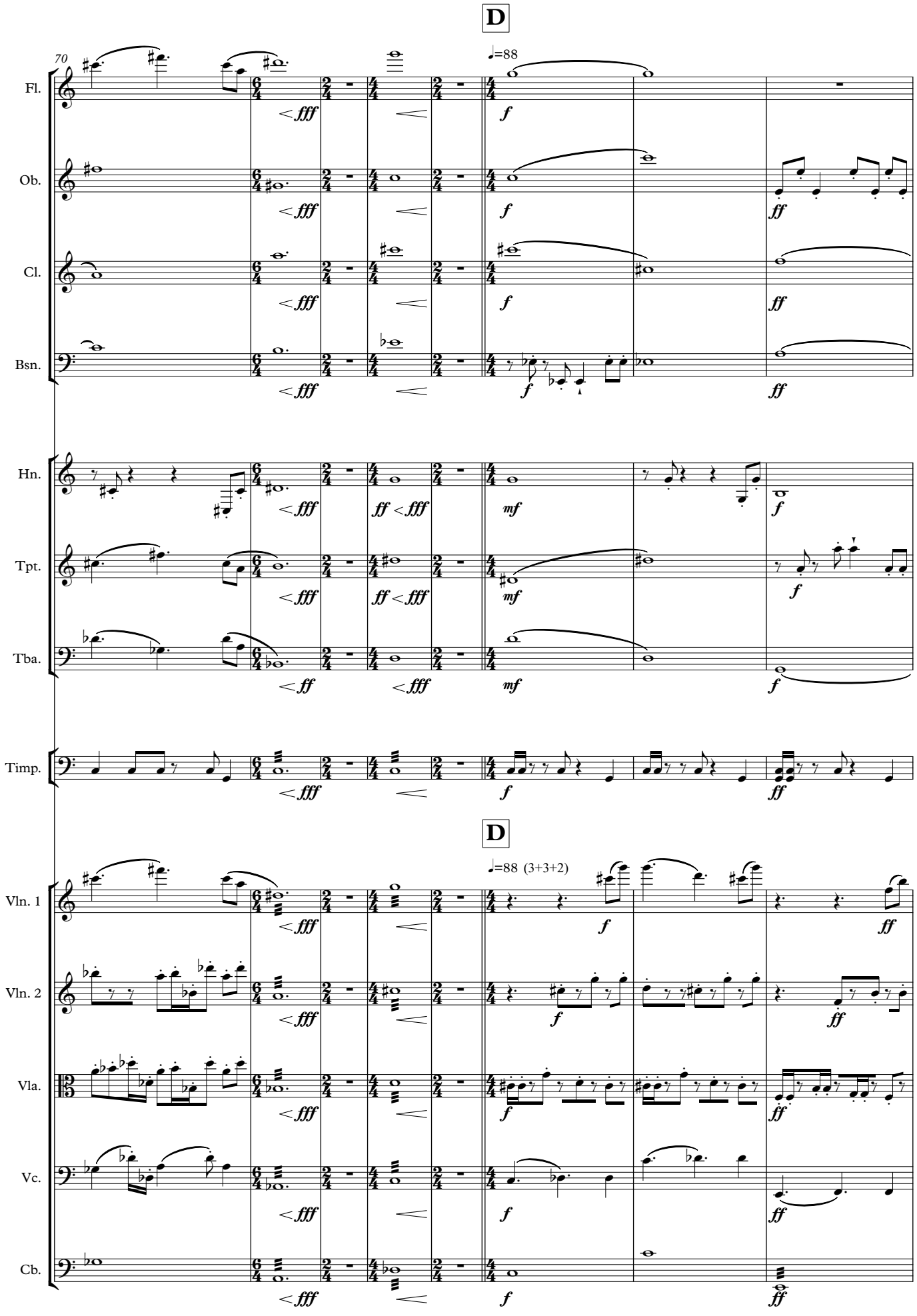

39
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
(3+3+2)

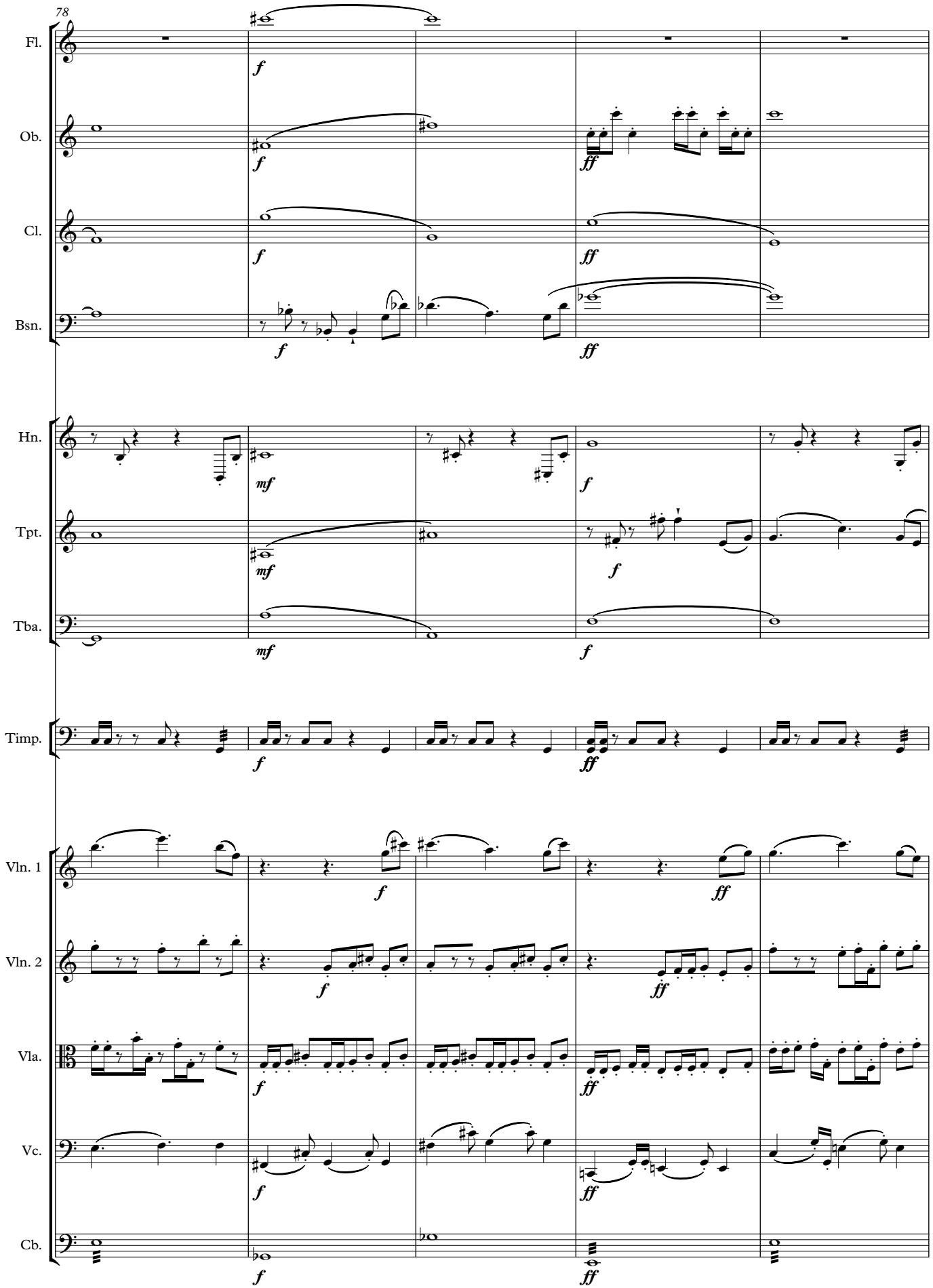

C
48
♩=84
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
C
♩=84 (2+2+2+2)
(3+3+2)
(2+2+2+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

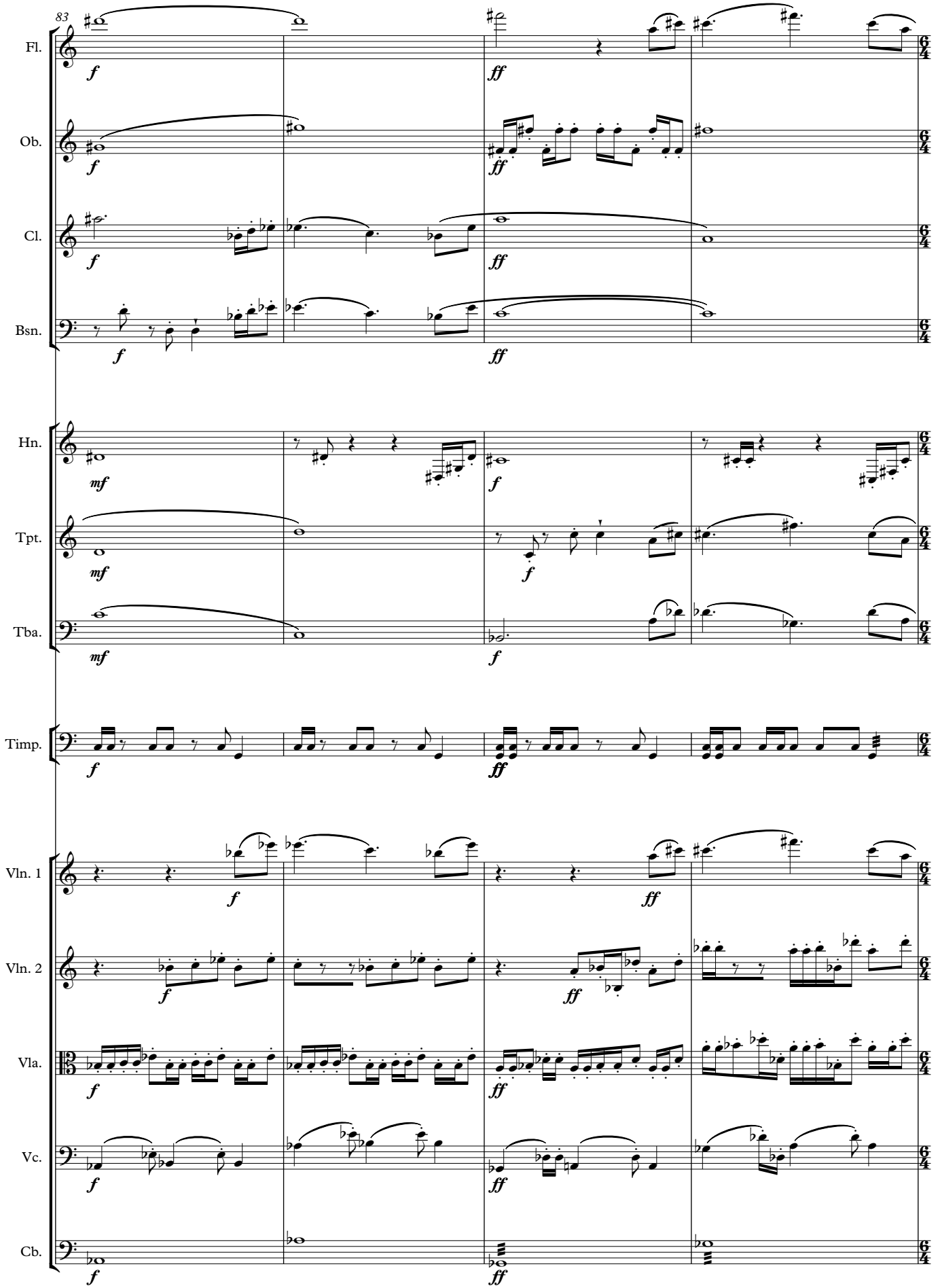

54
♩=80
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
(3+3+2)
♩=80 (2+2+2)
(3+3+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

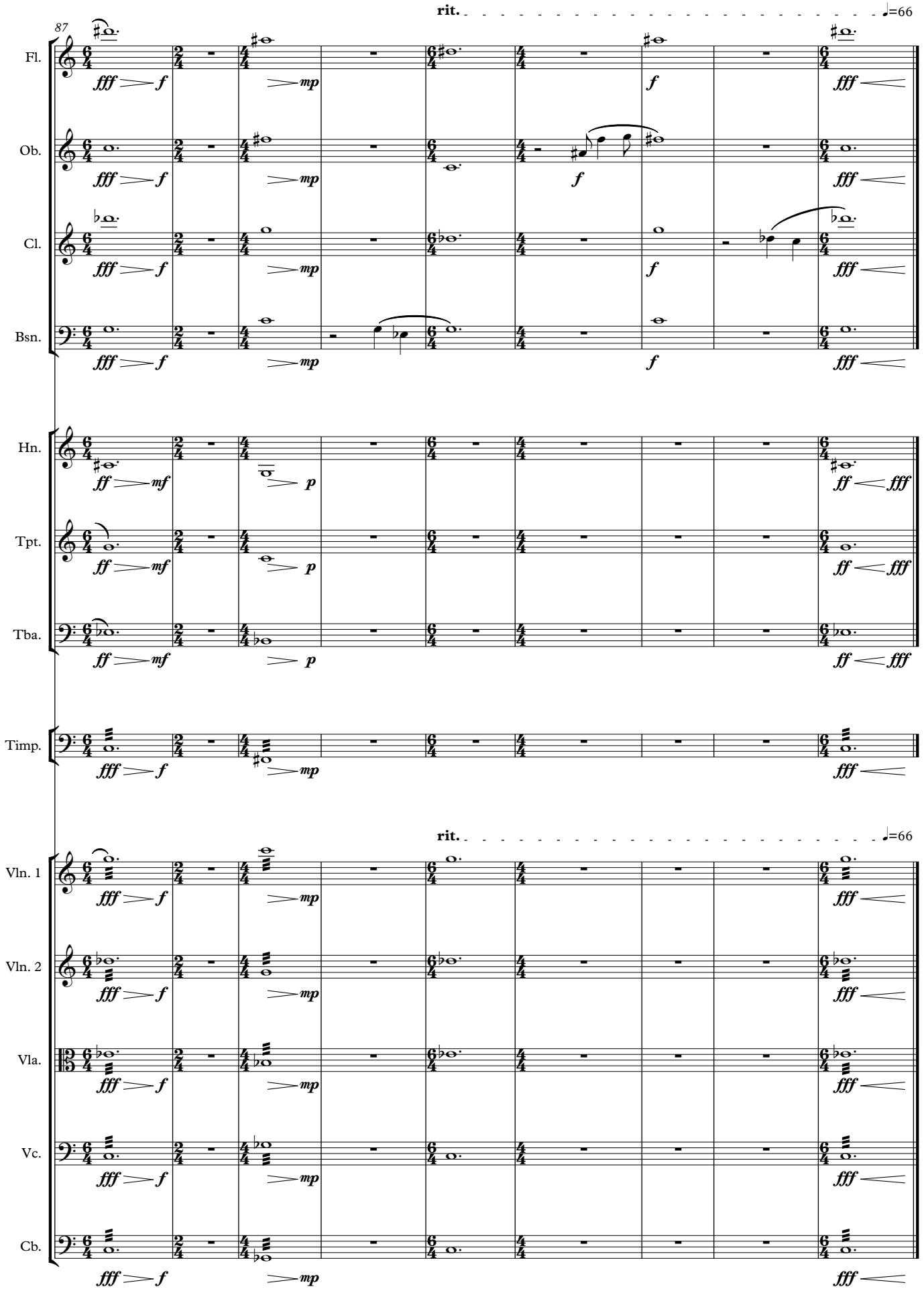

59
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
(2+2+2+2)
(3+3+2)
♩=84 (2+2+2+2)
♩=84


65
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
(3+3+2)
(2+2+2+2)
(3+3+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


D
70
♩=88
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
D
♩=88 (3+3+2)
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


78
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
f
ff
mf


83
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
f
ff
mf


87
rit.
♩=66
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tba.
Timp.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
fff f mp f fff
ff mf p ff fff

Appendix E

One to Another
(Octet Arrangement)

for small ensemble

(2015)

Score in C

Michael McNeilis

One to Another
(Octet Arrangement)

for small ensemble

(2015)

ca. 4’45

Score in C

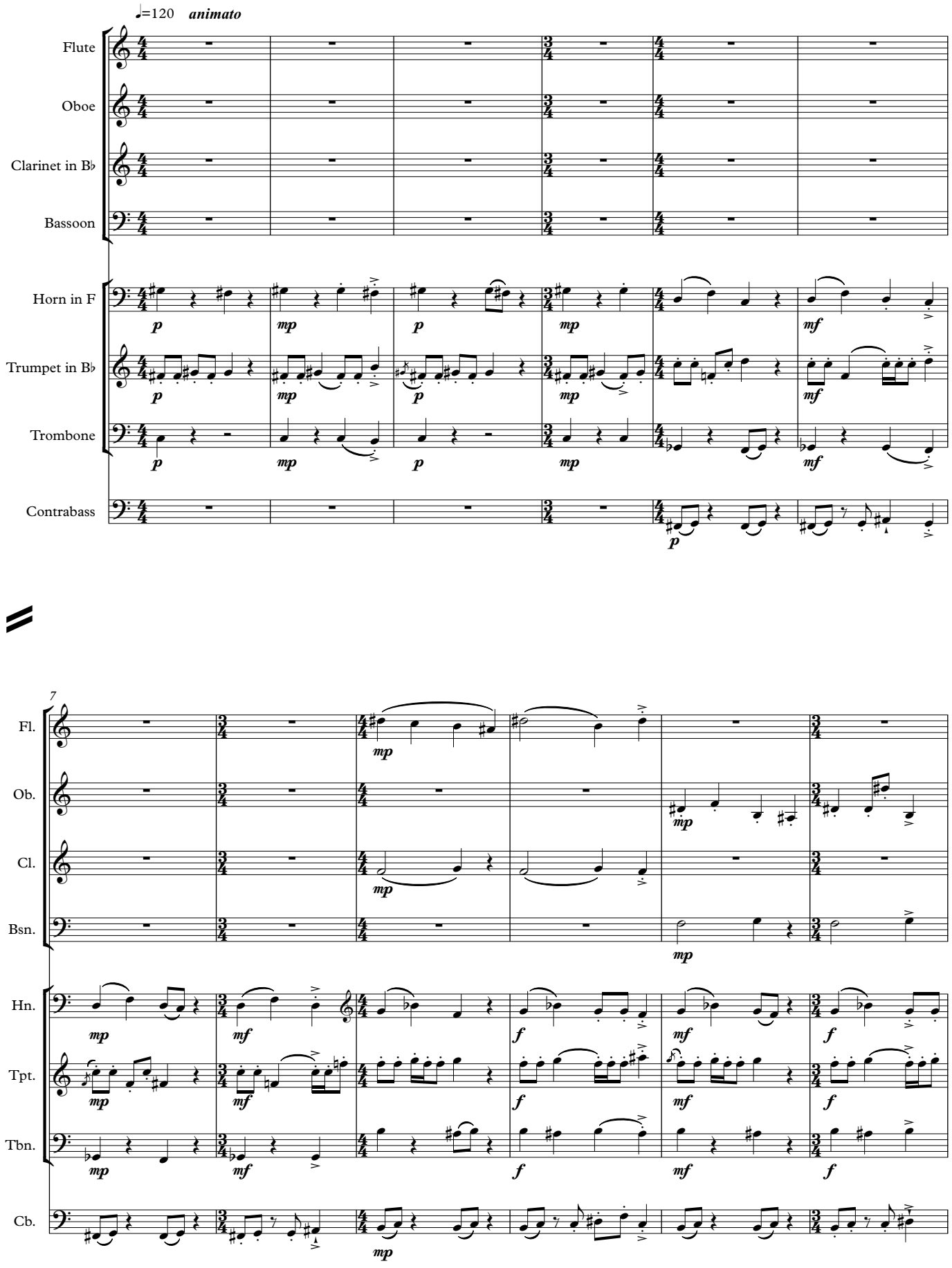
Instrumentation:

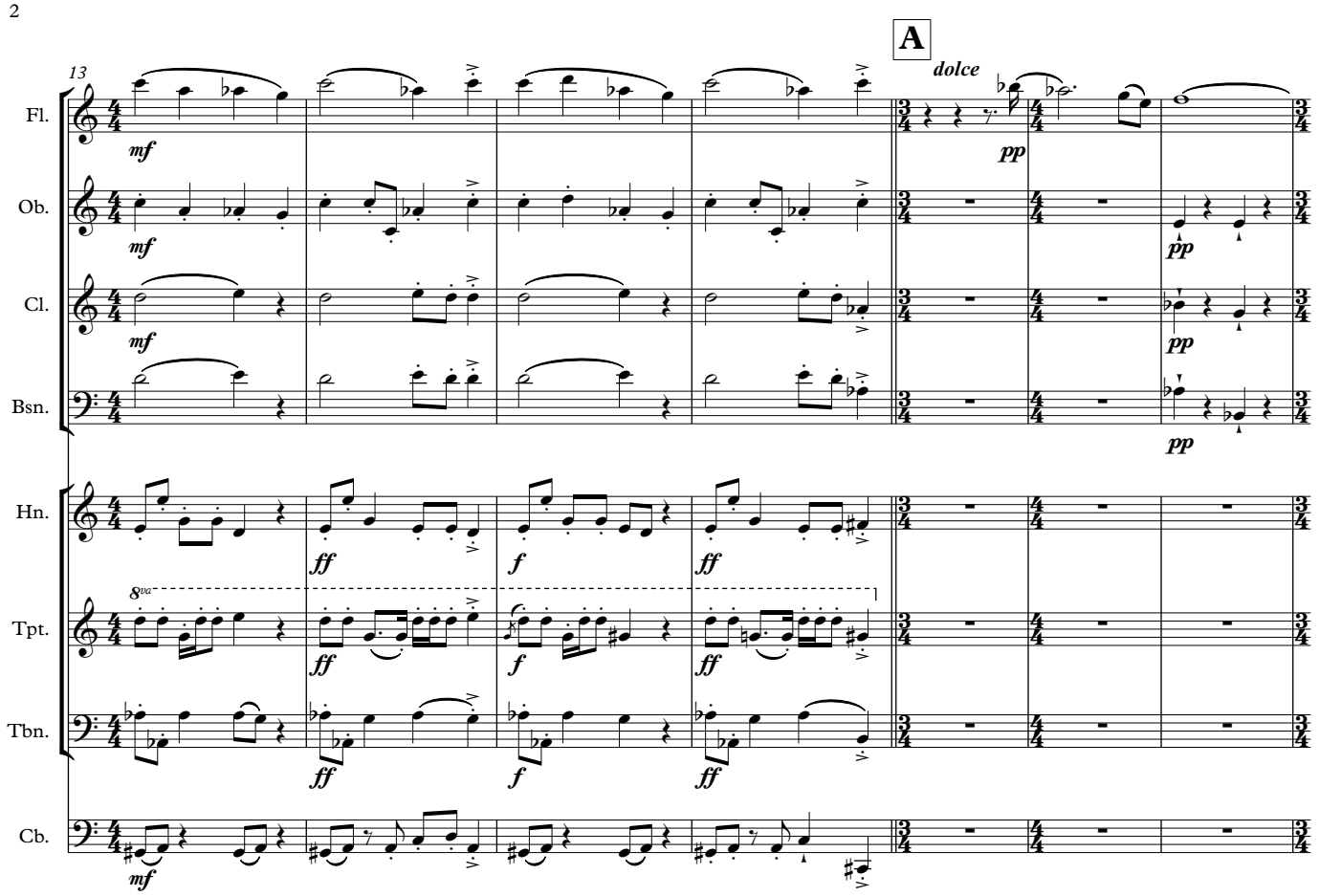
flute
oboe
clarinet in B♭
bassoon
French horn in F
trumpet in B♭
trombone
contrabass

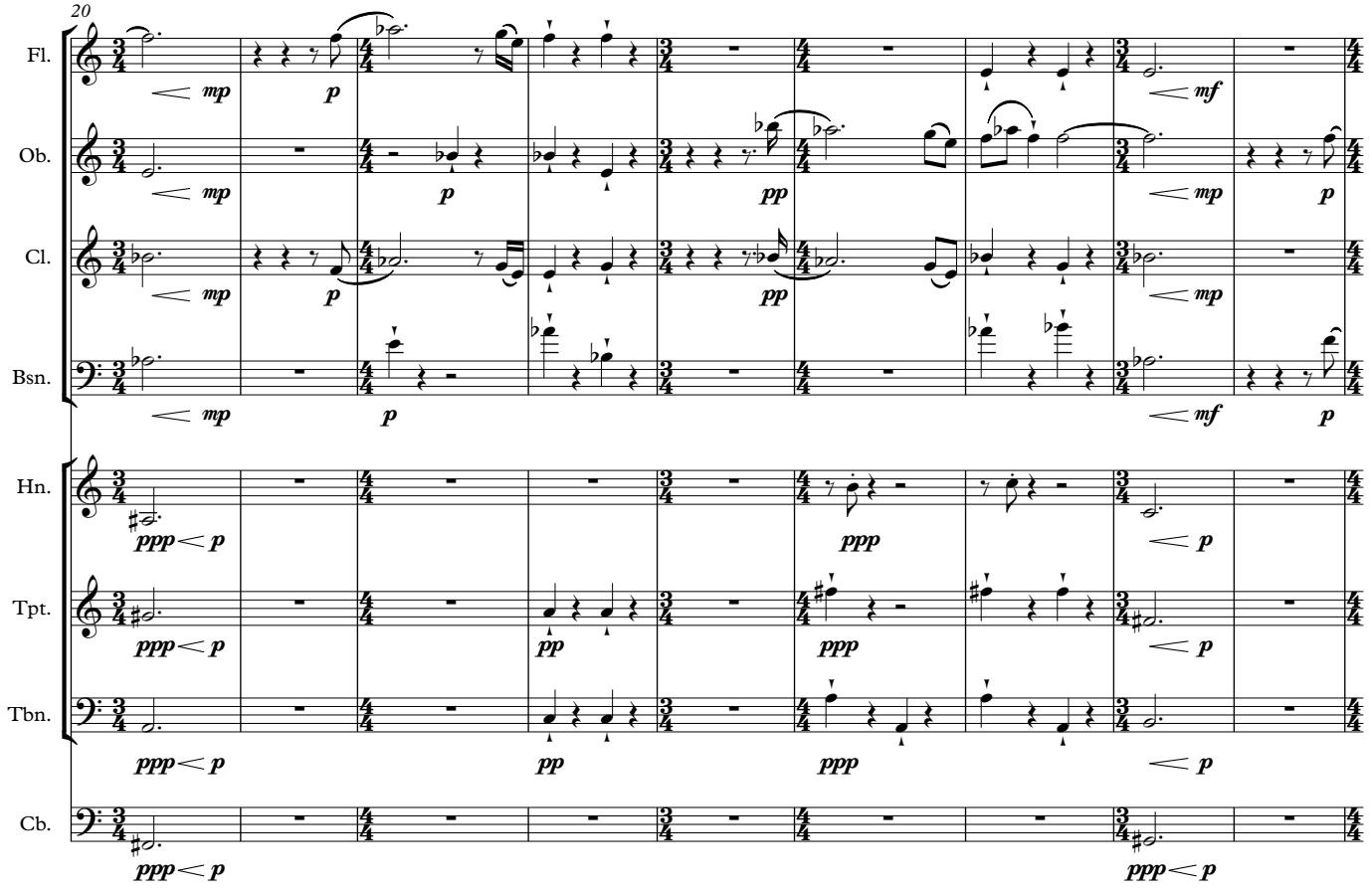
One to Another

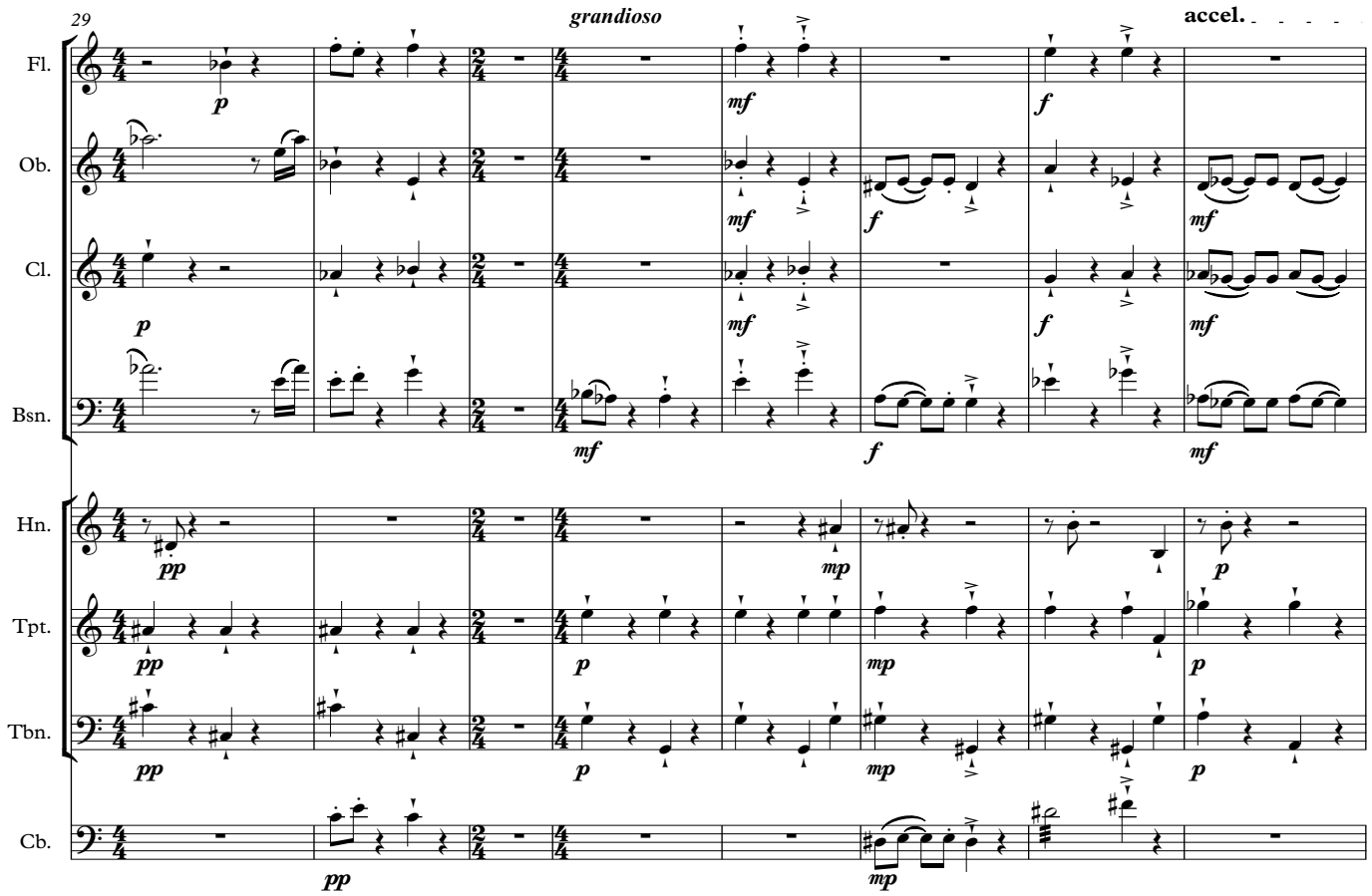
(Octet Arrangement)

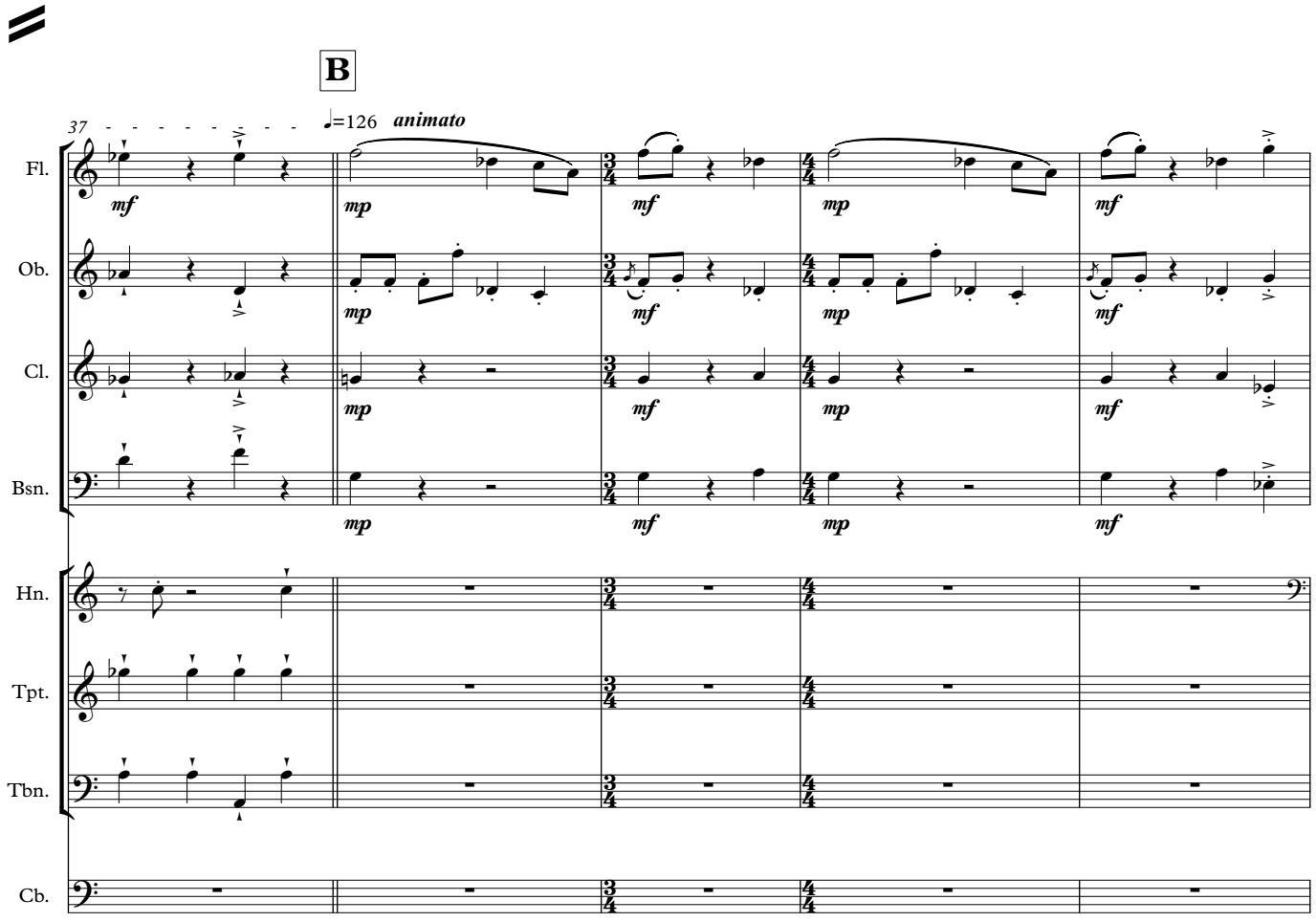
Michael McNeilis

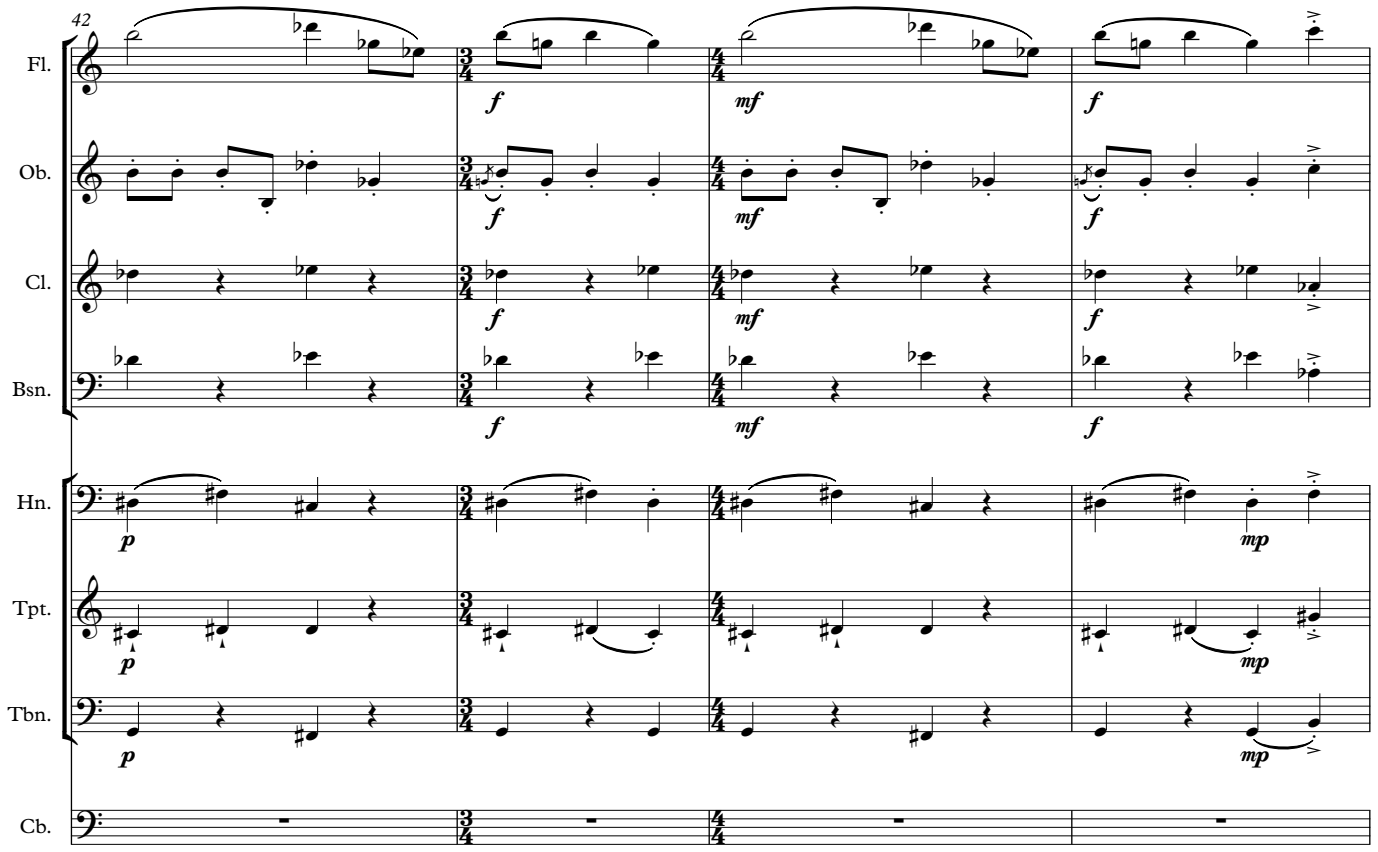


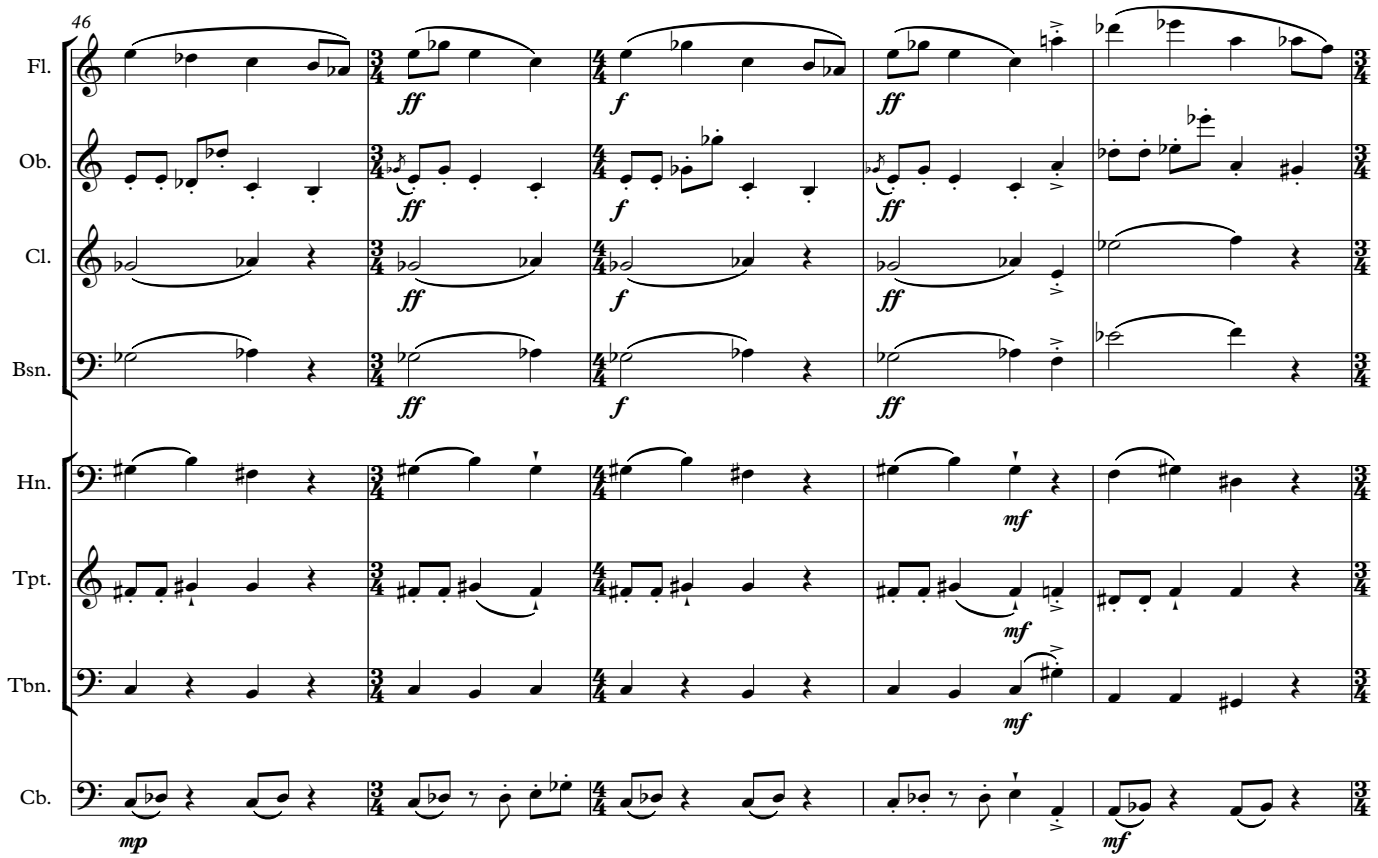

A
dolce
13
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.
8va


20
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


29
grandioso
accel.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


B
37
♩=126
animato
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


42
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.
f
mf
p
mp


46
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.
ff
f
mf
mp

C

♩=69 ***grandioso***

rit.

51

Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.

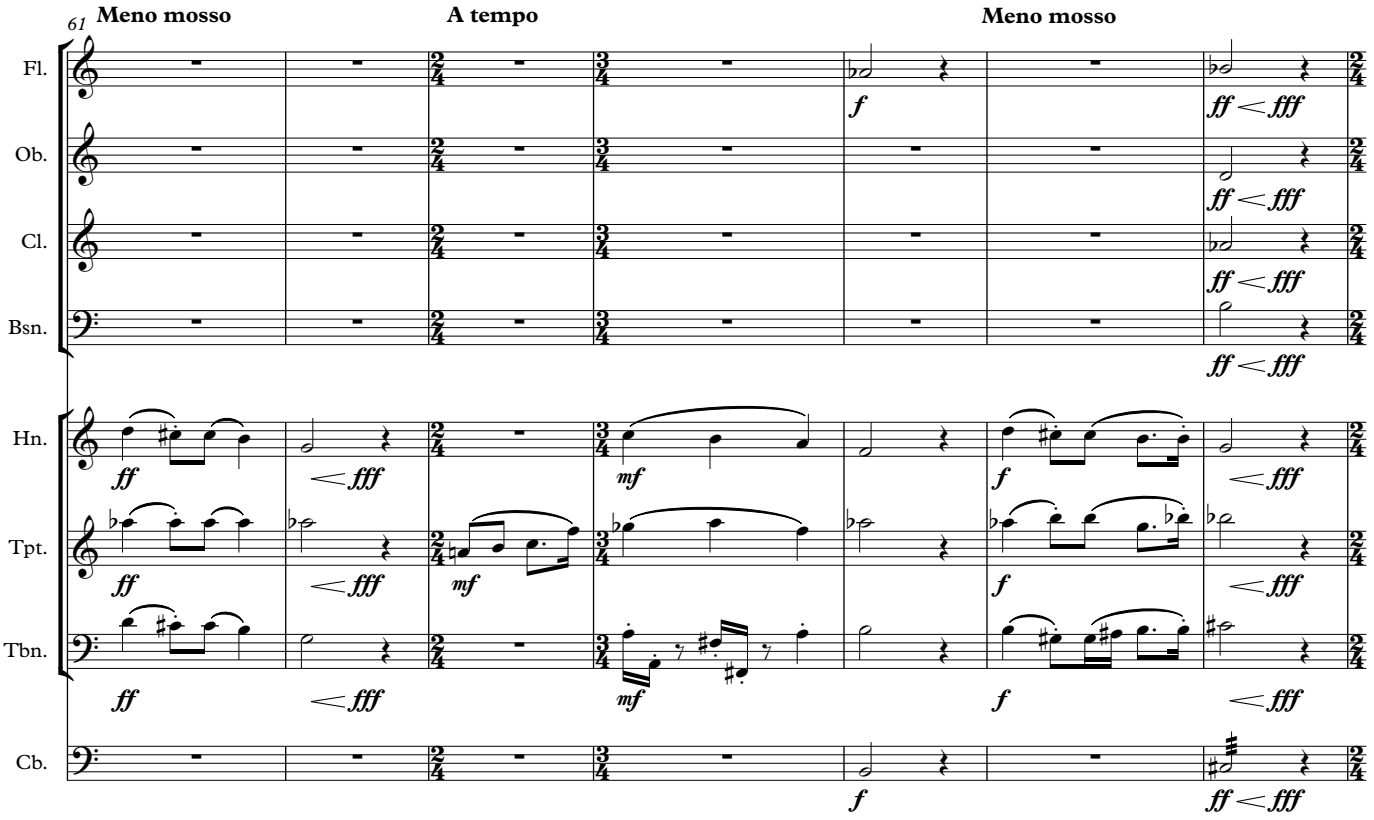
fff ***ff*** ***fff*** ***f***

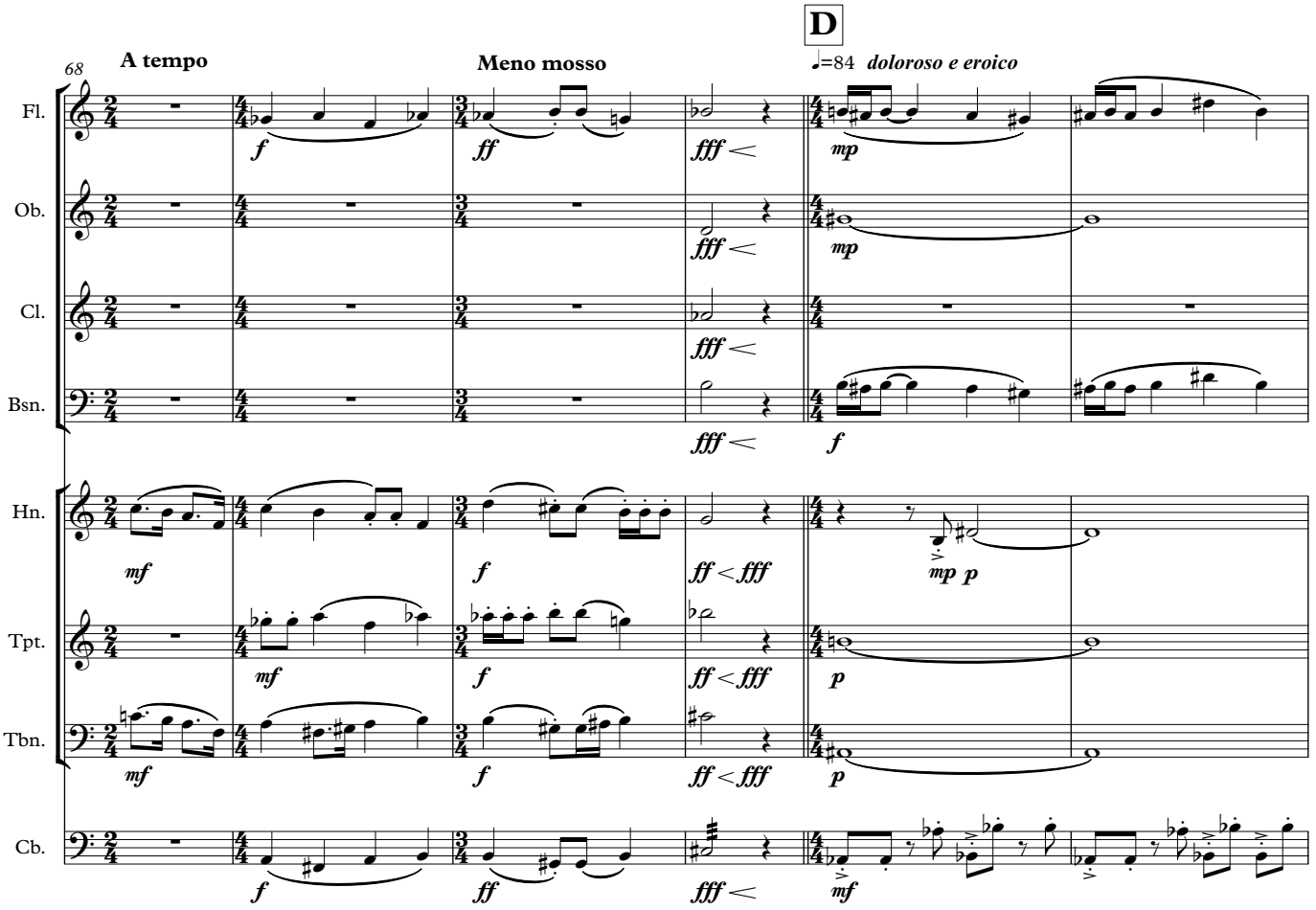
55

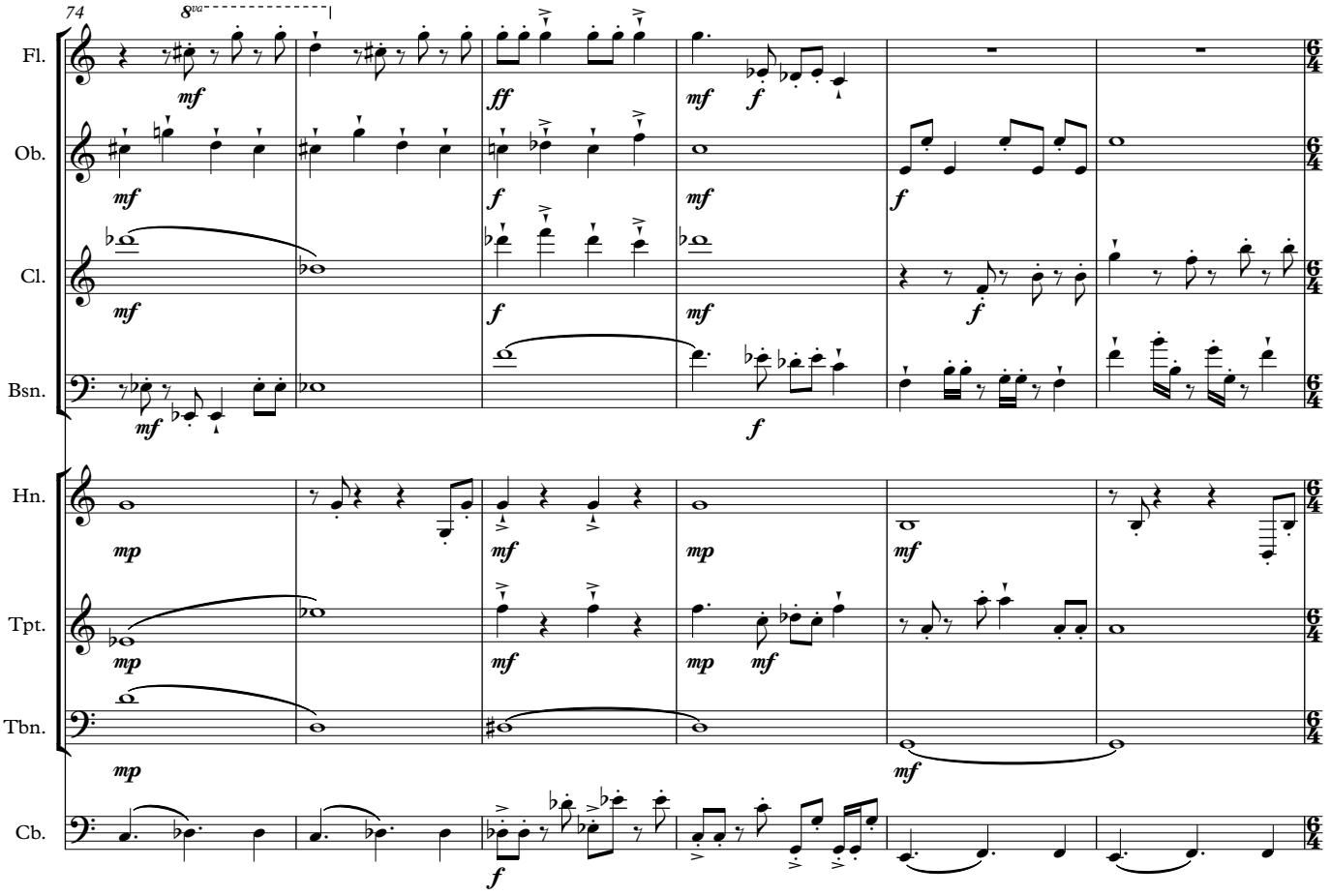
Meno mosso

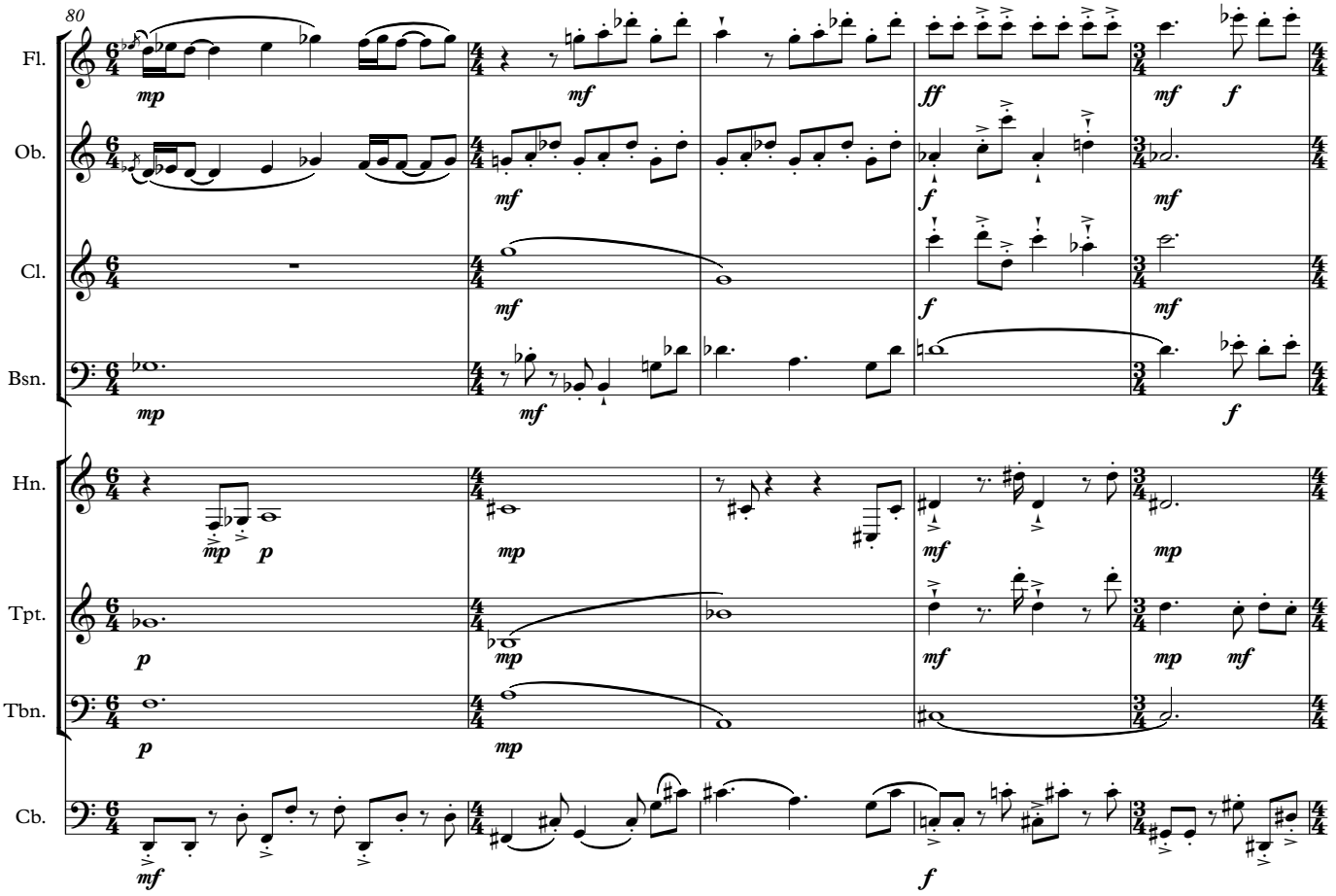
A tempo

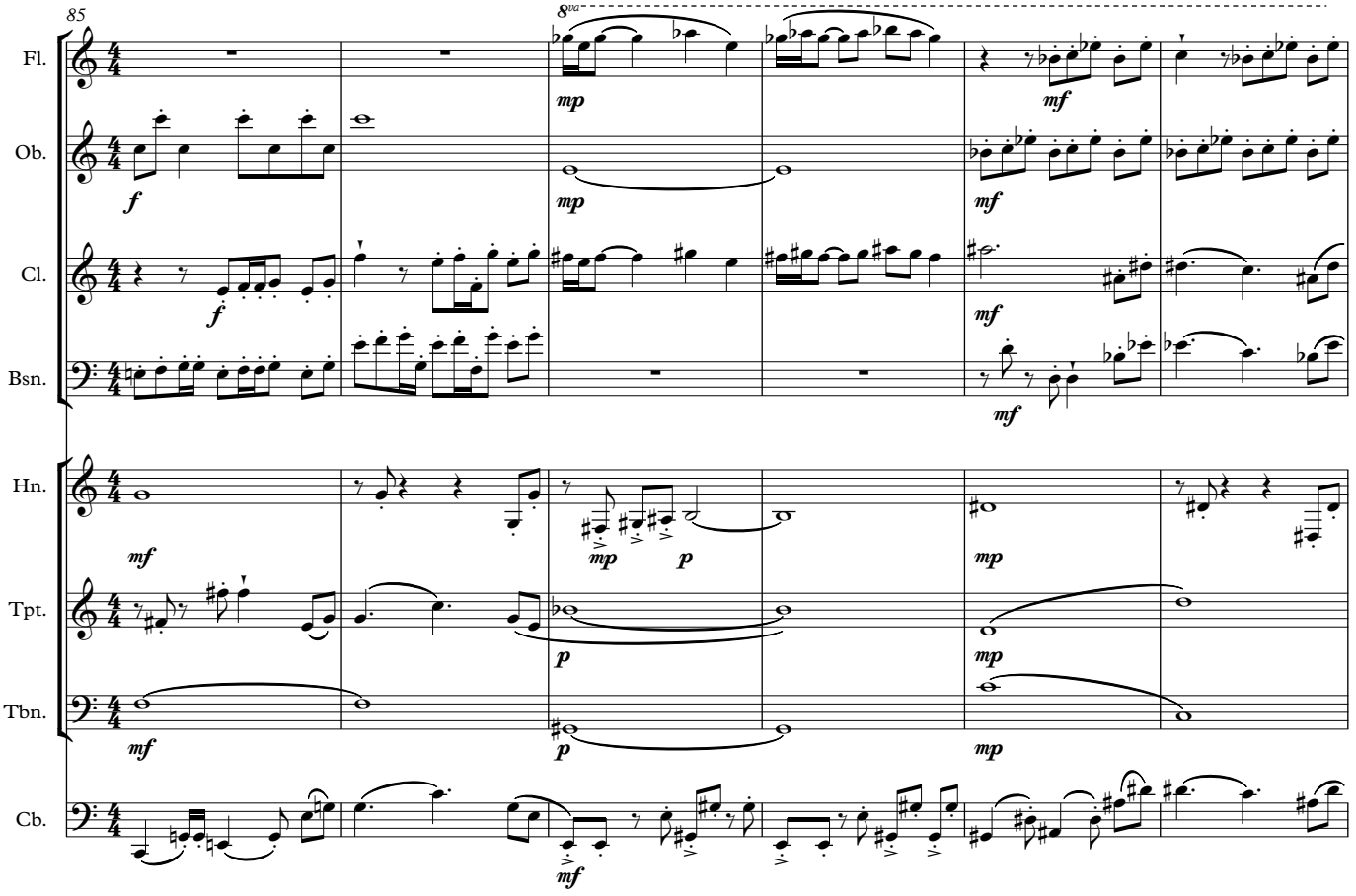
f ***mf*** ***mp*** ***pp***

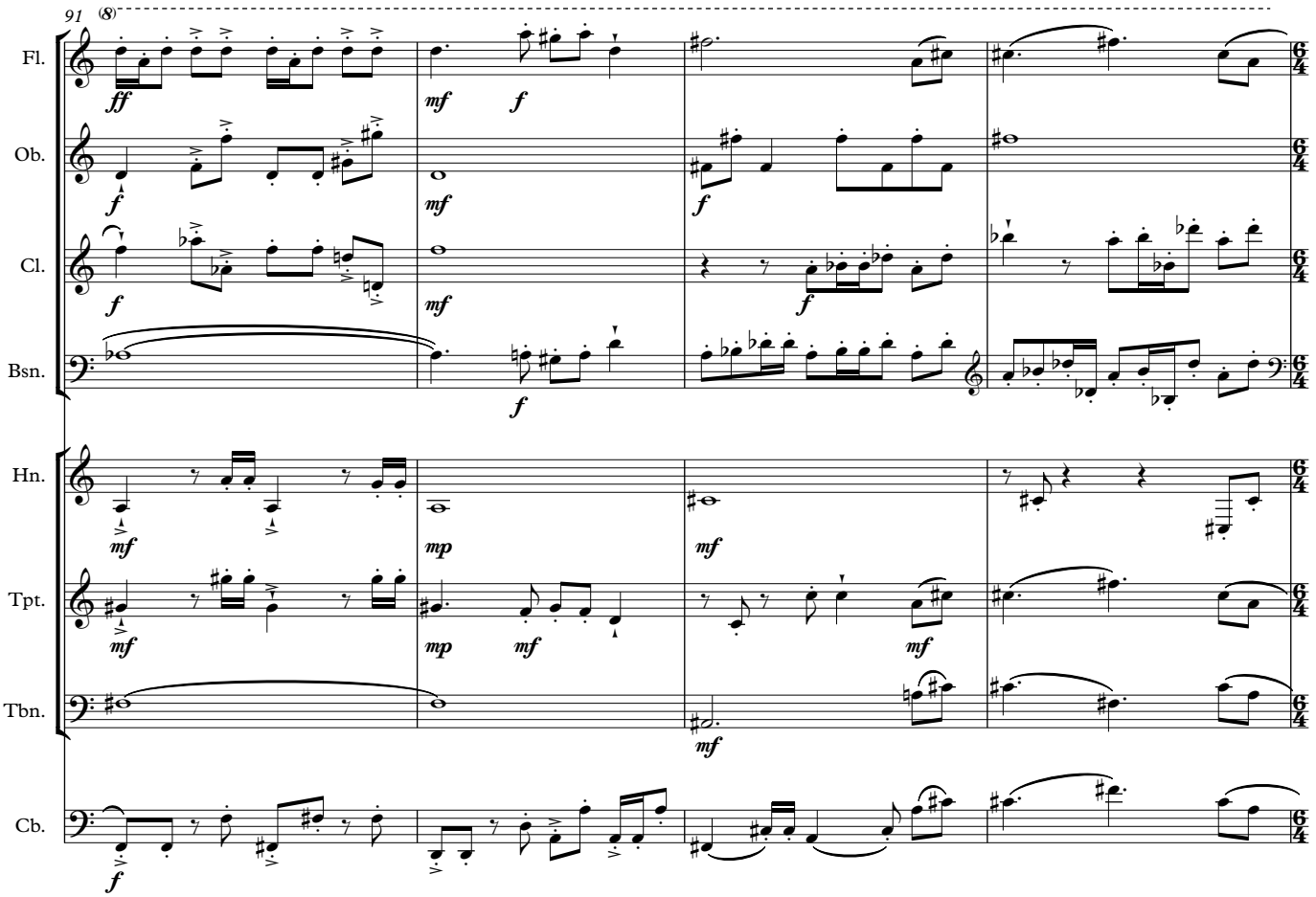

61
Meno mosso
A tempo
Meno mosso
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.

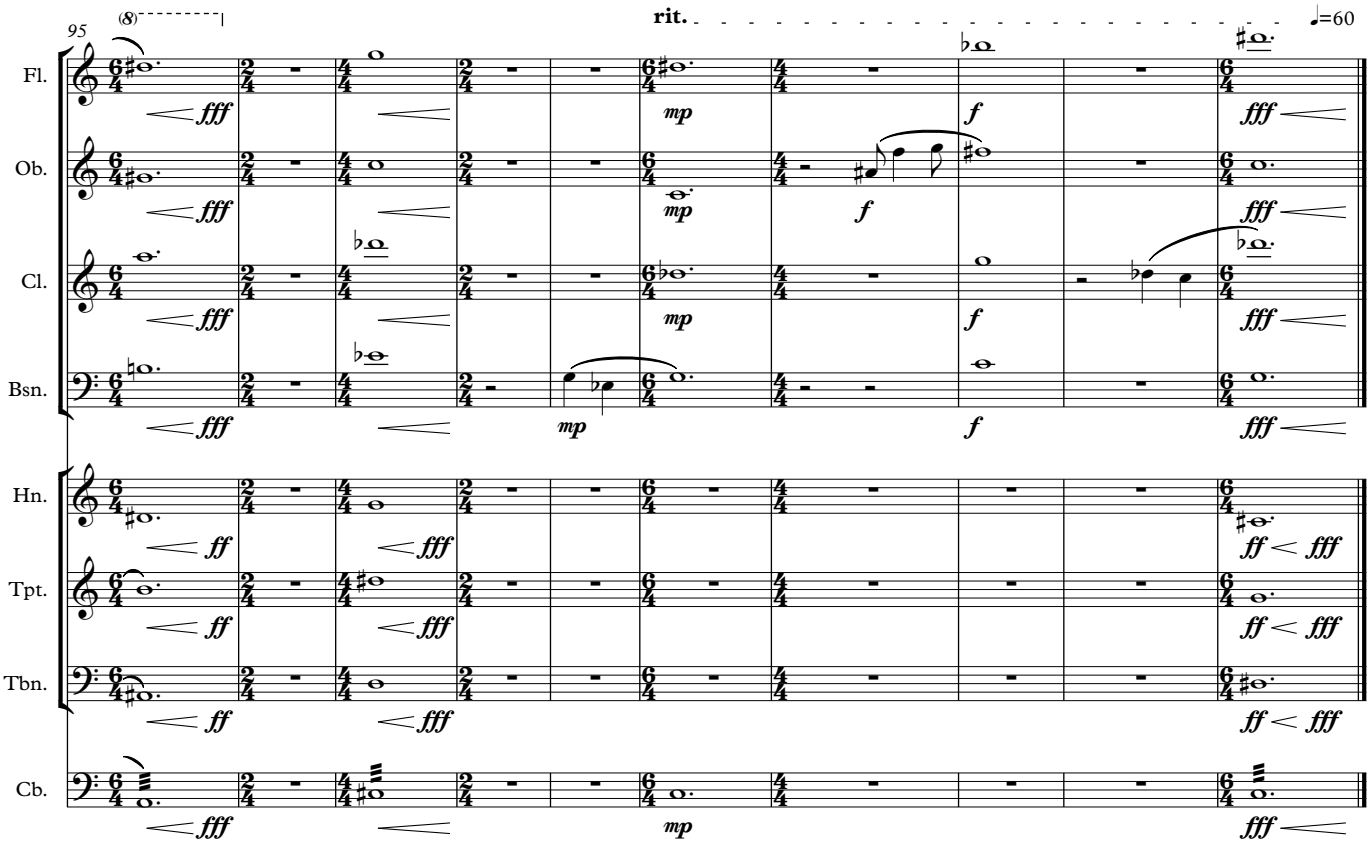

68
A tempo
Meno mosso
D
♩=84 doloroso e eroico
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


74
8va
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


80
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


85
8va
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


91
(8)
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.


95
(8)
rit.
♩=60
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Cb.
fff
mp
f
ff

Aggregation

for large ensemble

(2016-2017)

Score in C

Michael McNeilis

Aggregation

for large ensemble

(2016-2017)

ca. 8’20

Score in C

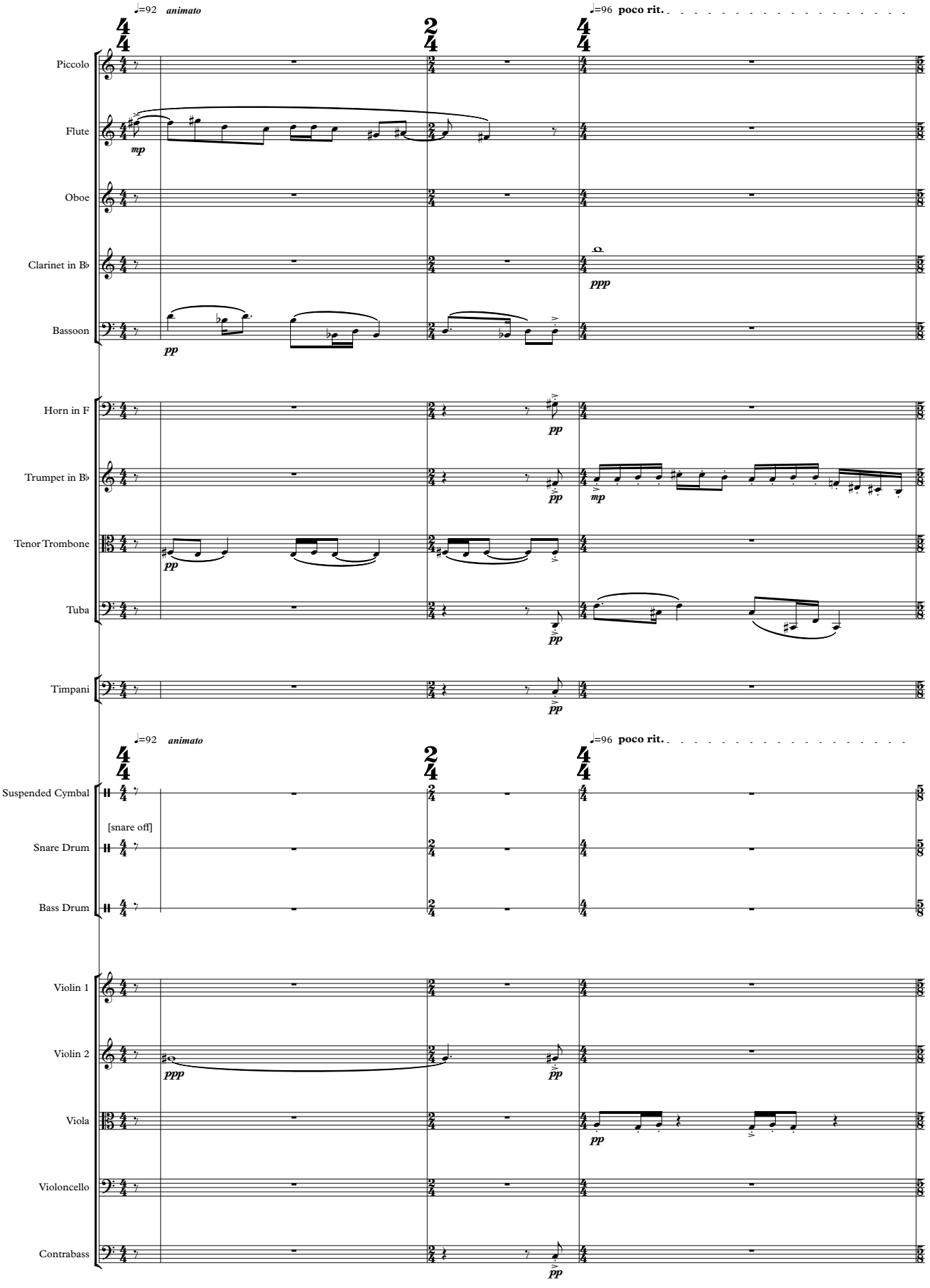
Instrumentation:

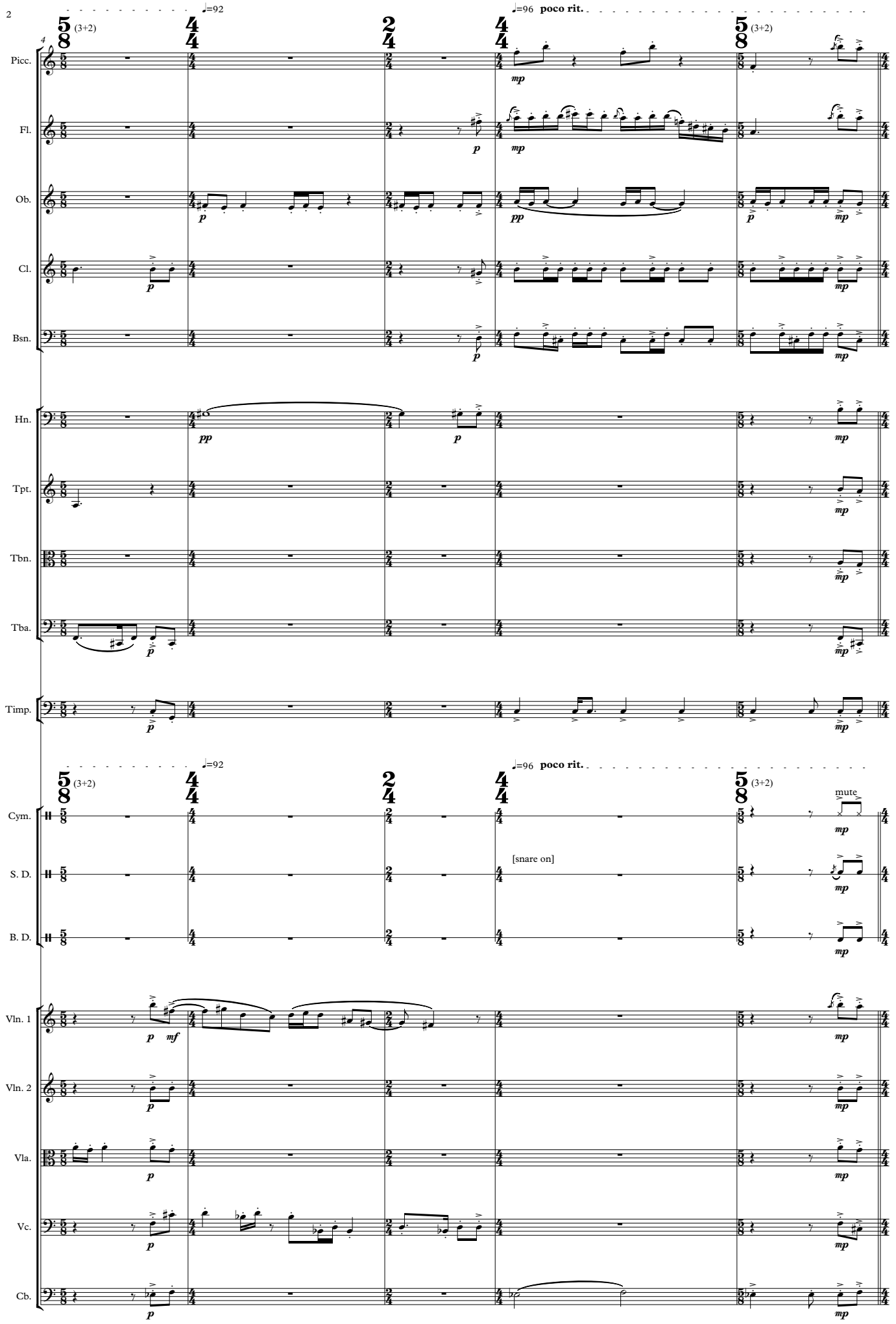
piccolo
flute
oboe
clarinet in B♭
bassoon
French horn in F
trumpet in B♭
tenor trombone
tuba
timpani (2 – tuned to C and G)
suspended cymbal (percussion player 1)
snare drum (percussion player 2)
bass drum (percussion player 3)
violin x 2
viola
violoncello
contrabass

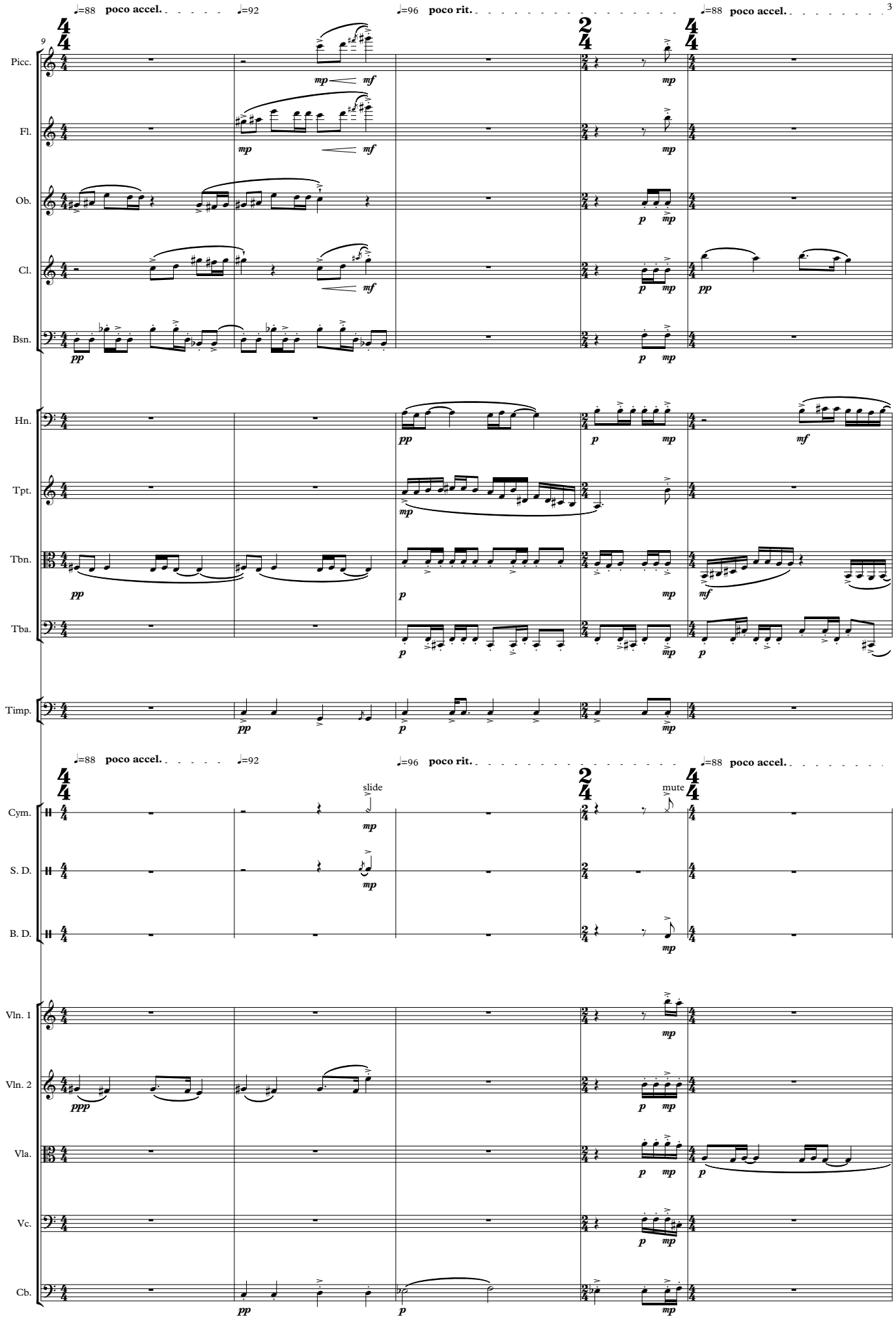
Aggregation

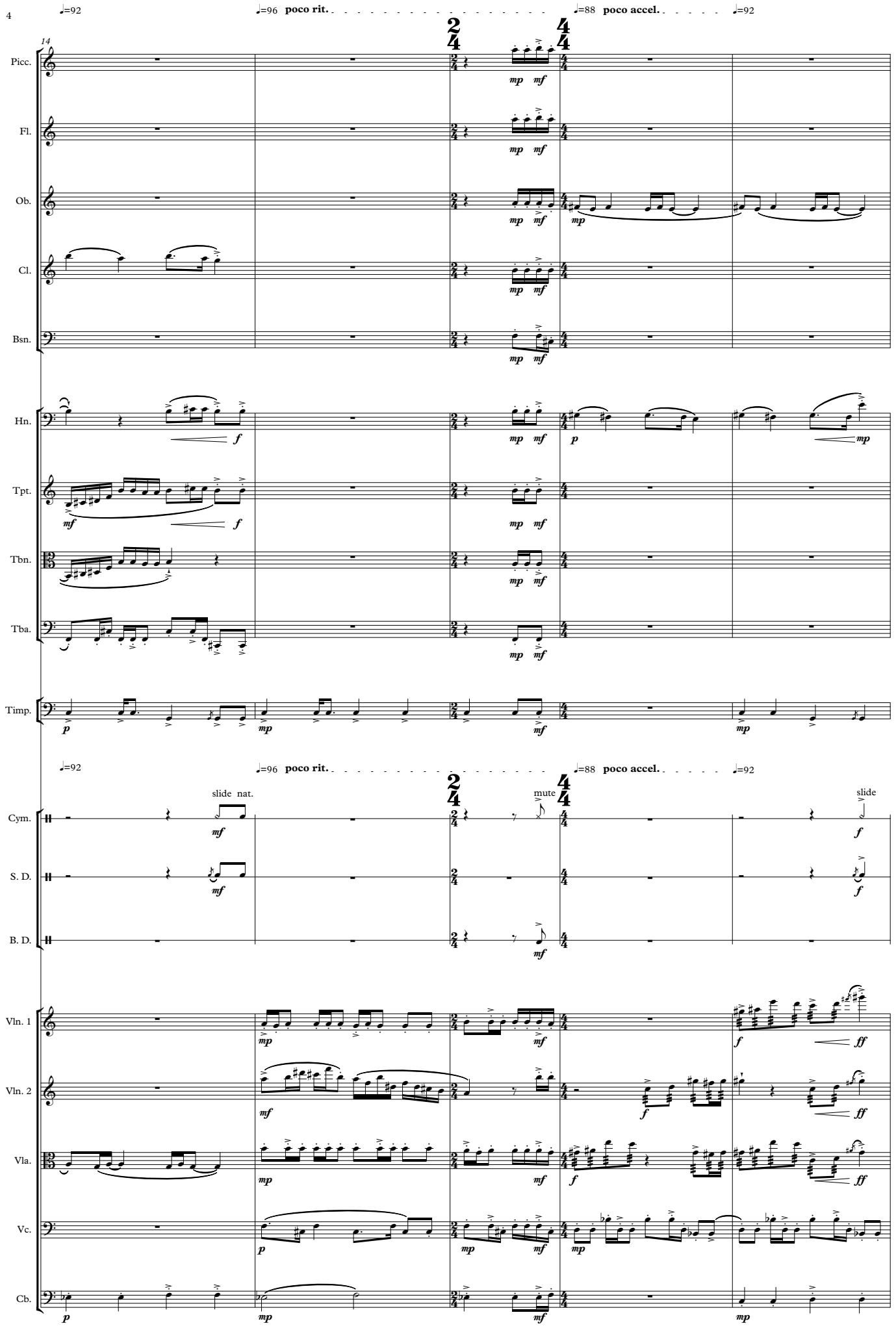
(for large ensemble)

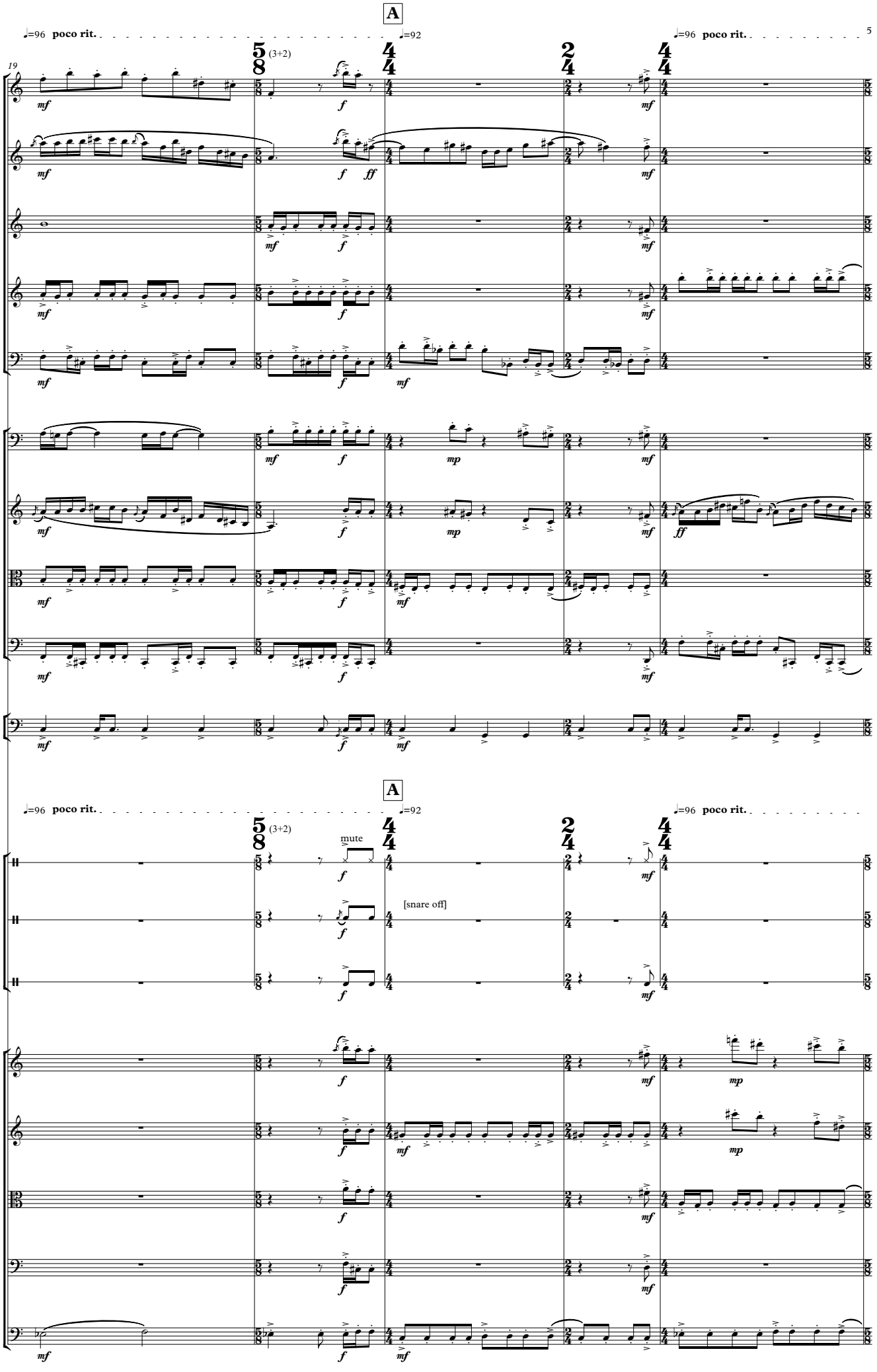
Michael McNeilis

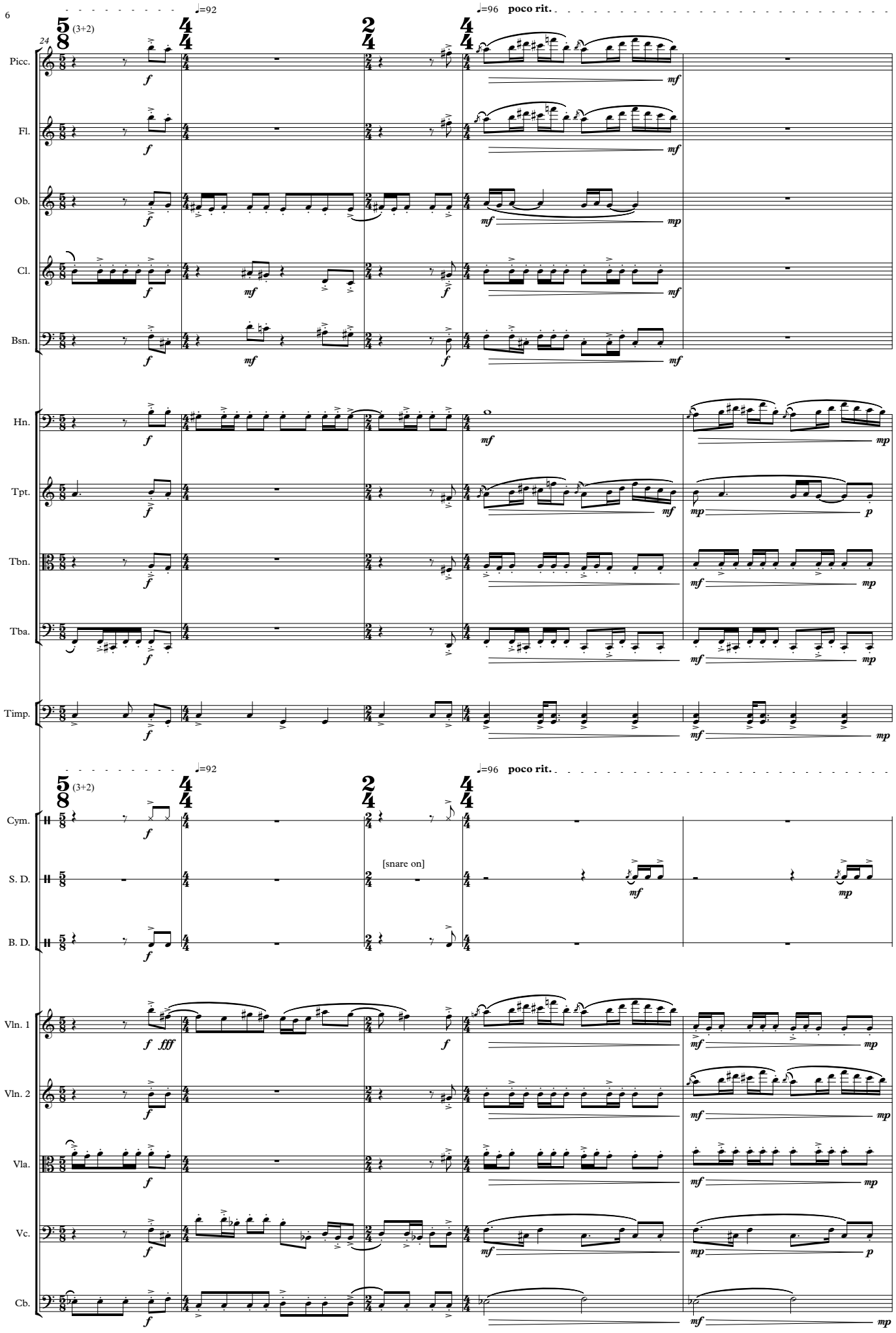


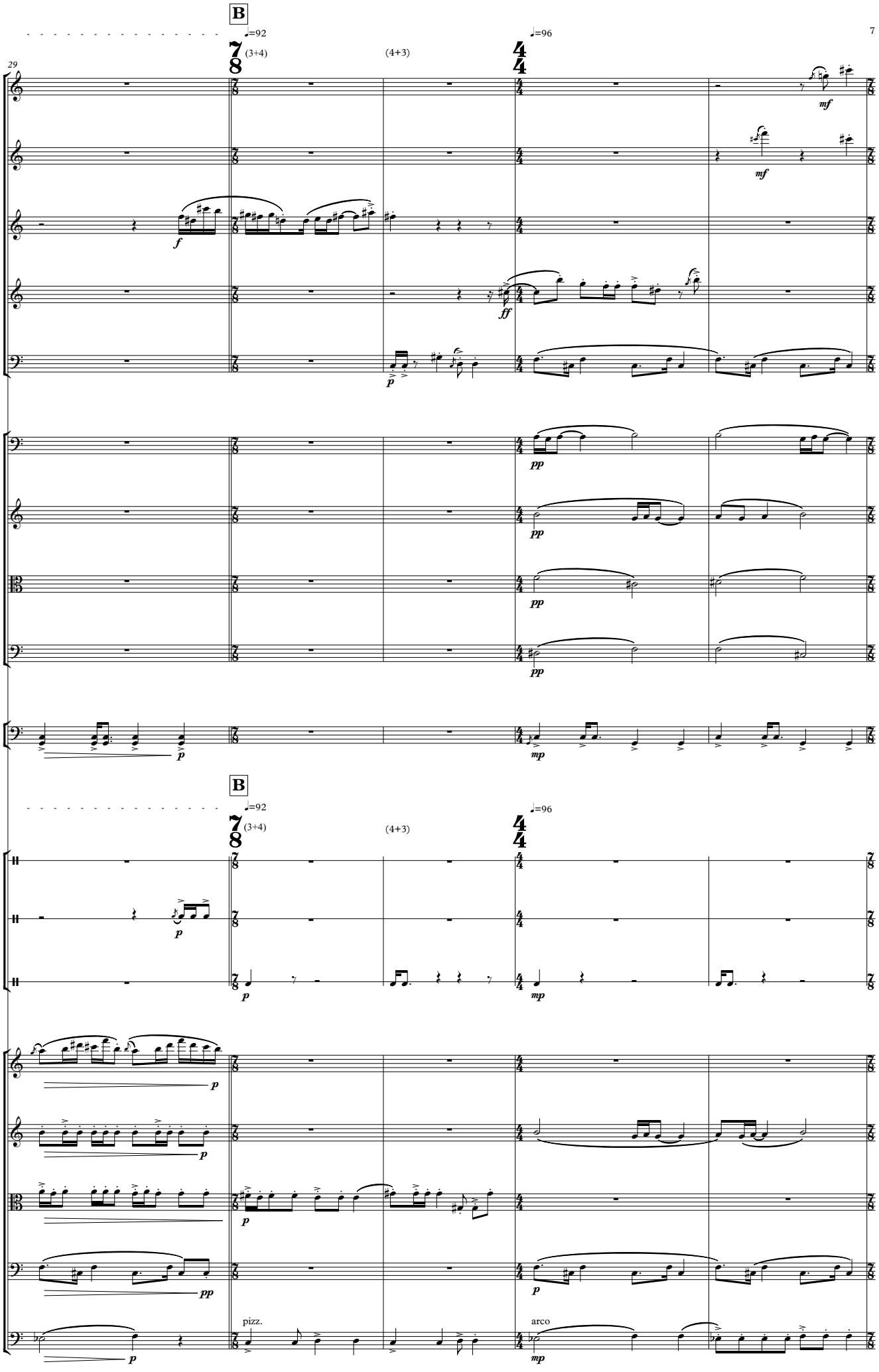

♩=92
♩=96 poco rit.
(3+2)
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
[snare on]
mute
p
mf
mp
pp

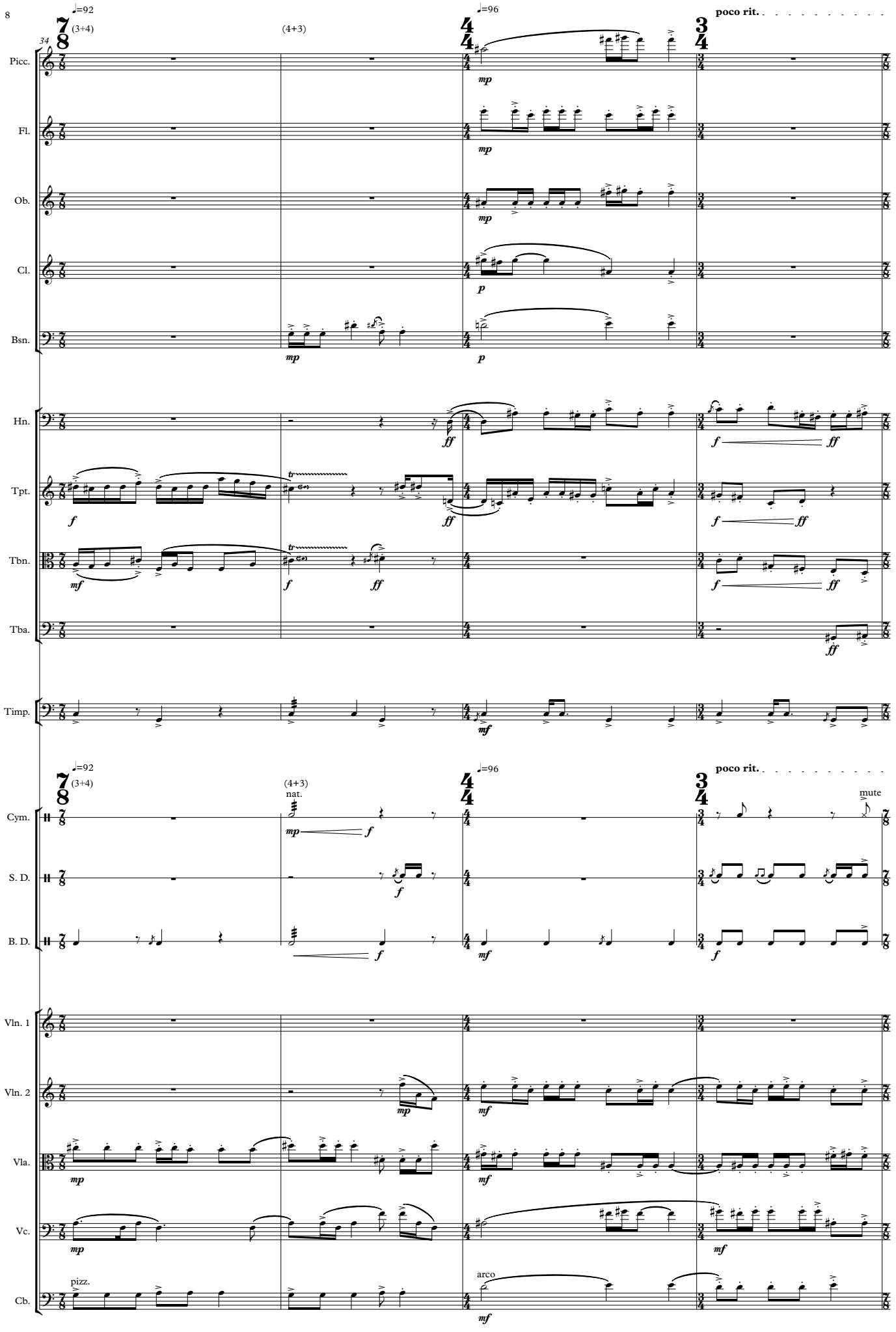

♩=88 poco accel.
♩=92
♩=96 poco rit.
♩=88 poco accel.
9
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
mute

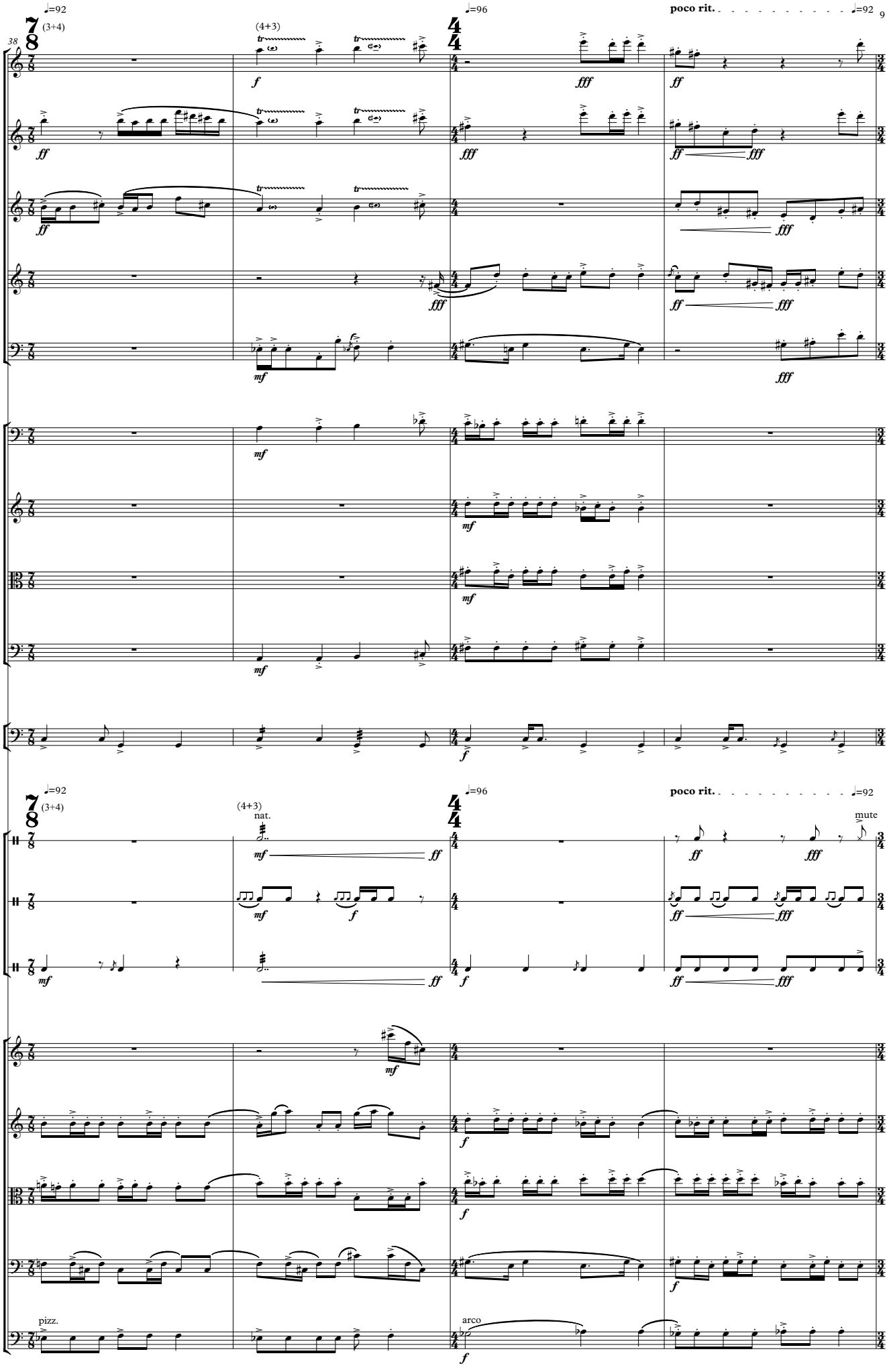

14
♩=92
♩=96 poco rit.
♩=88 poco accel.
♩=92
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide nat.
mute
slide

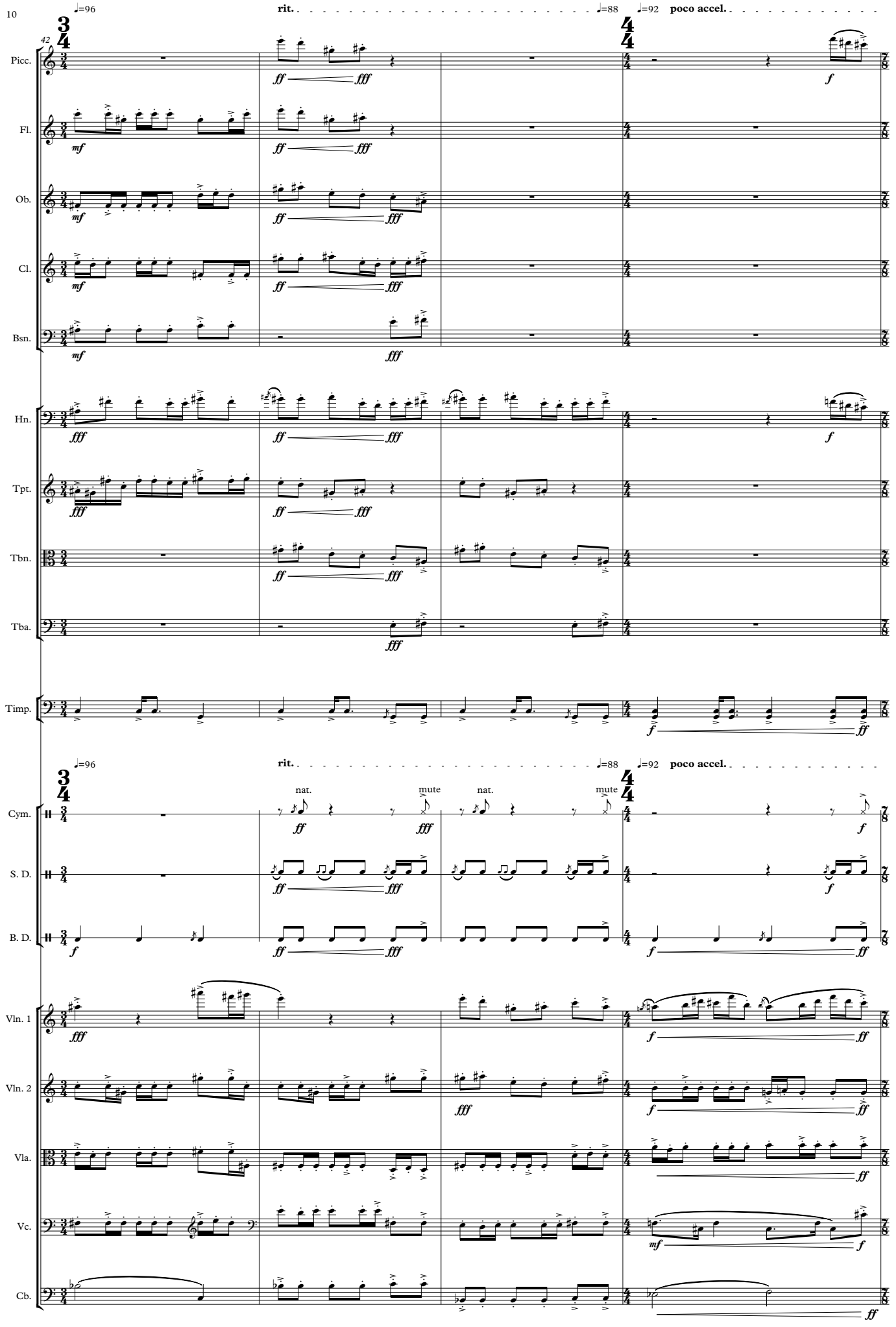

A
♩=96 poco rit.
♩=92
♩=96 poco rit.
19
5/8 (3+2)
4/4
2/4
4/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
mf
f
ff
mp
A
♩=96 poco rit.
♩=92
♩=96 poco rit.
5/8 (3+2)
4/4
2/4
4/4
mute
[snare off]
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

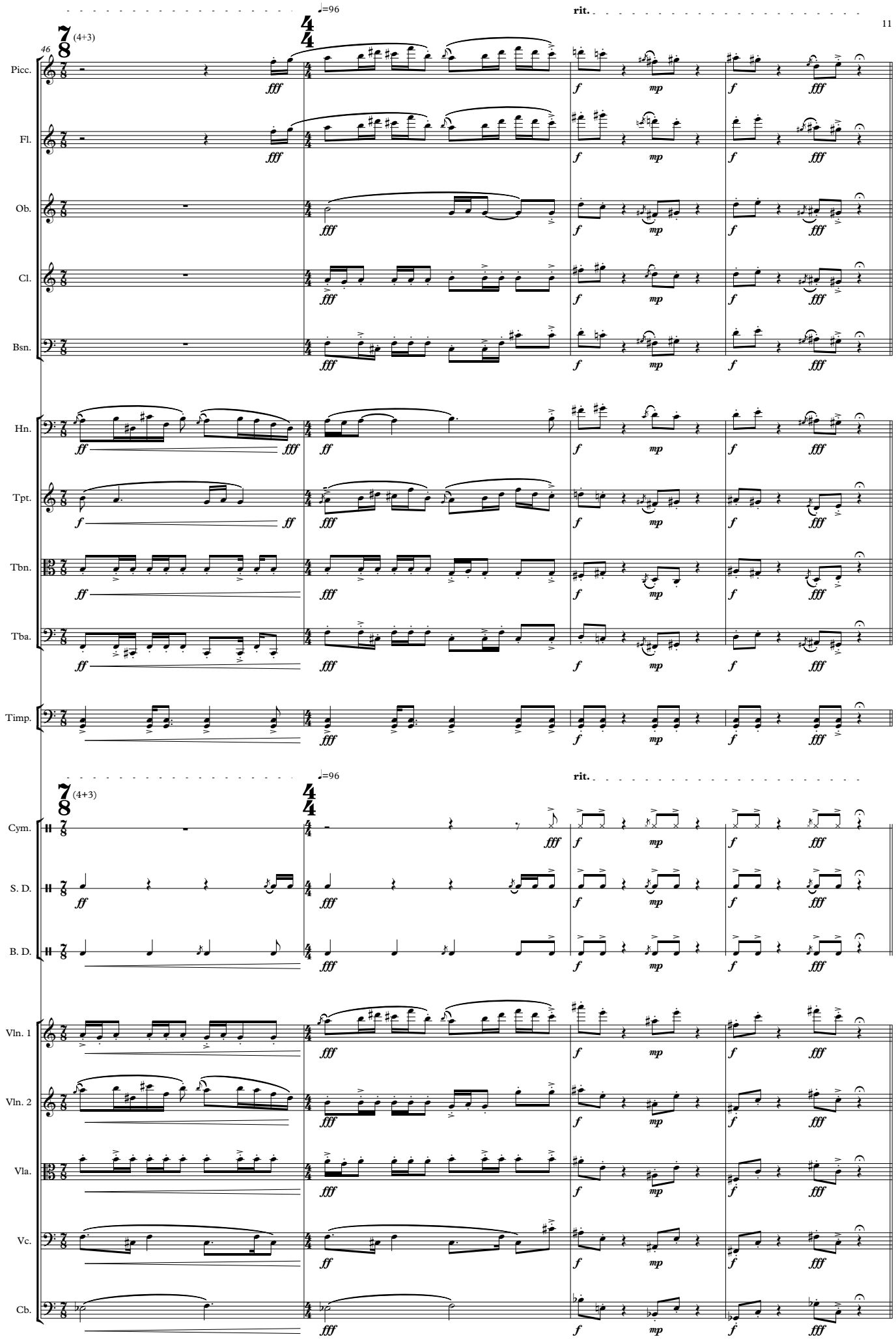

24
♩=92
♩=96 poco rit.
5/8 (3+2)
4/4
2/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
[snare on]
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
f
fff
mf
mp
p

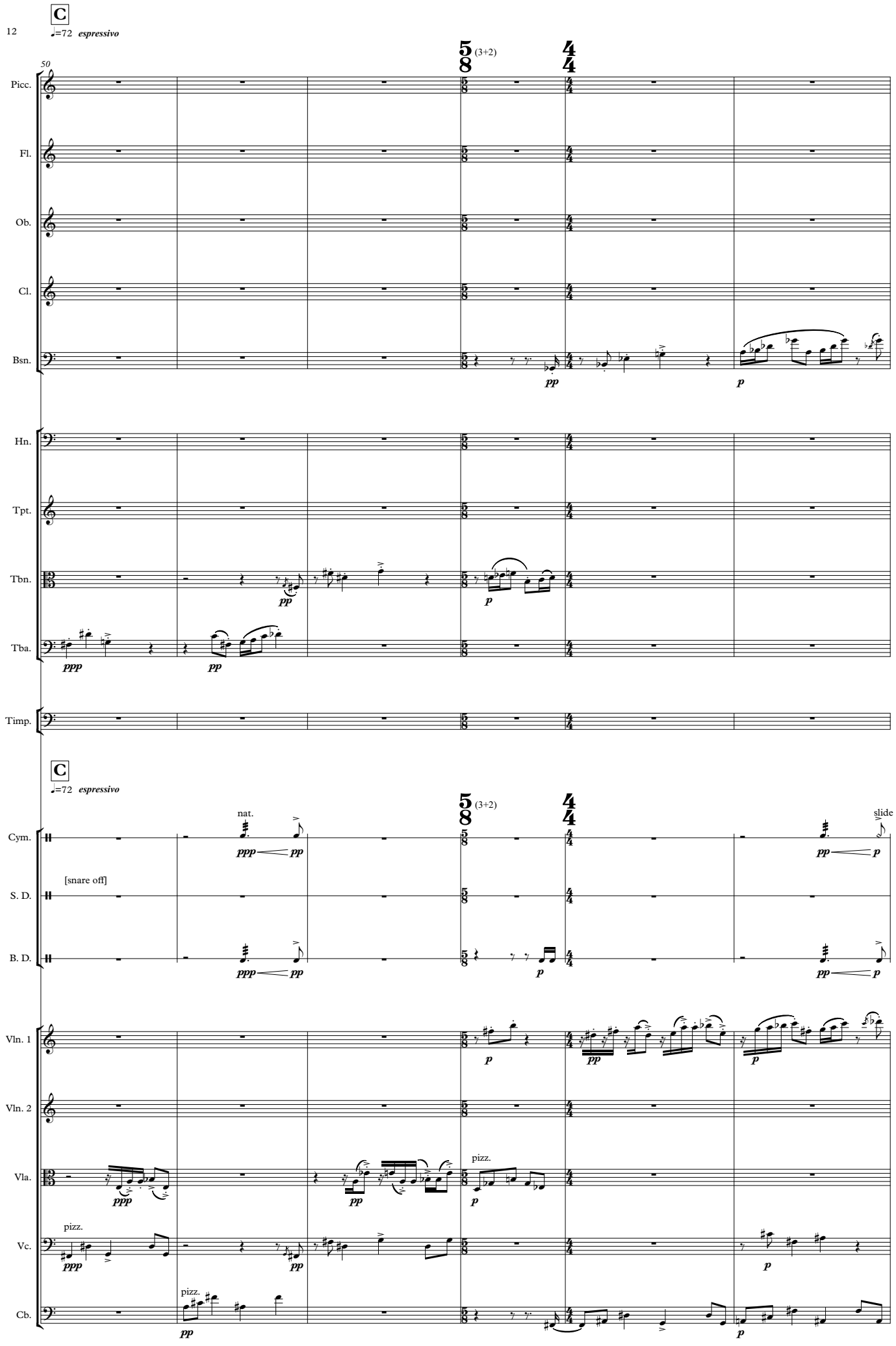

B
♩=92
7/8 (3+4)
(4+3)
4/4
♩=96
29
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.
arco

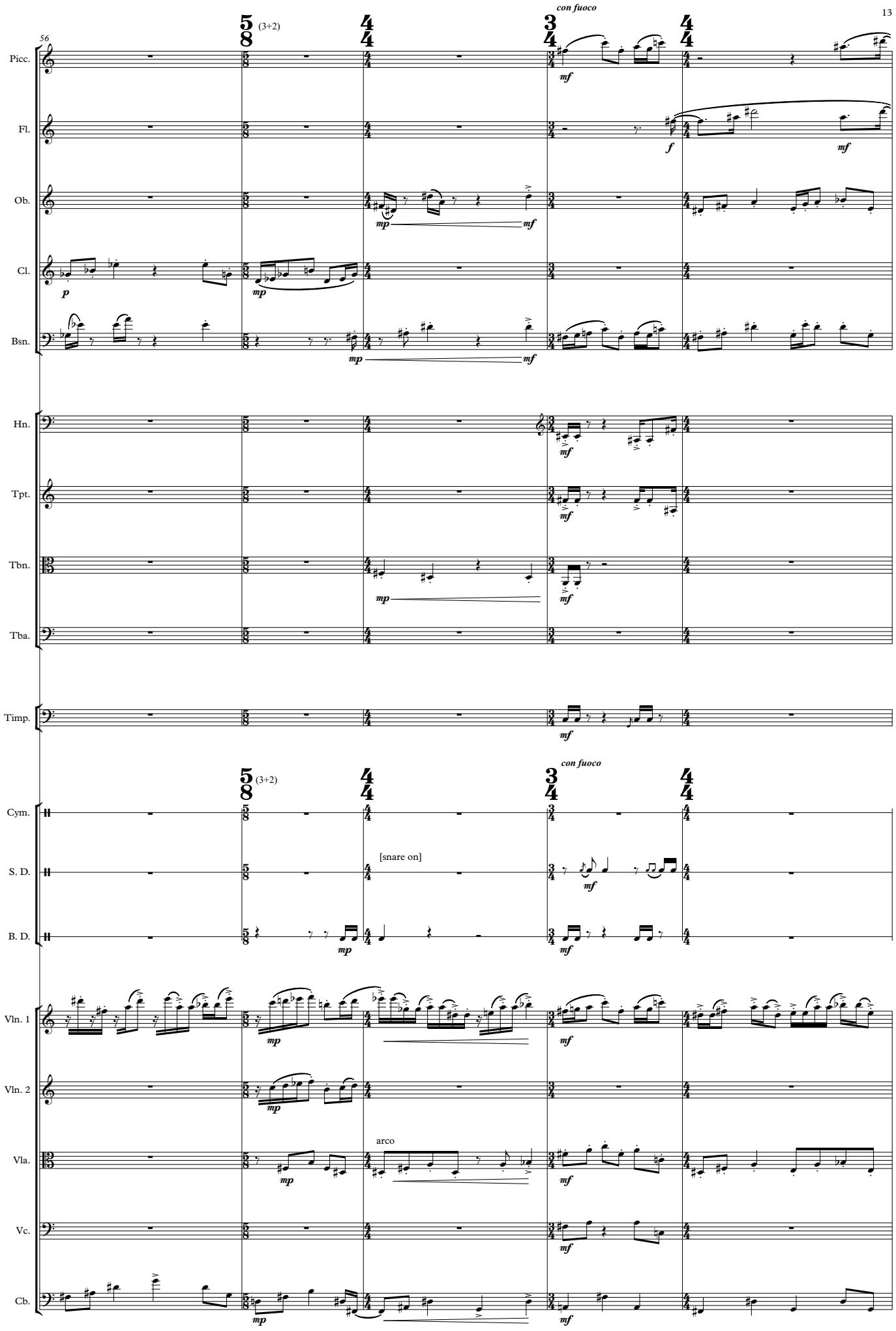

34
♩=92
7/8 (3+4)
(4+3)
♩=96
4/4
3/4
poco rit.
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
nat.
mute
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.
arco
mp
mf
p
f
ff

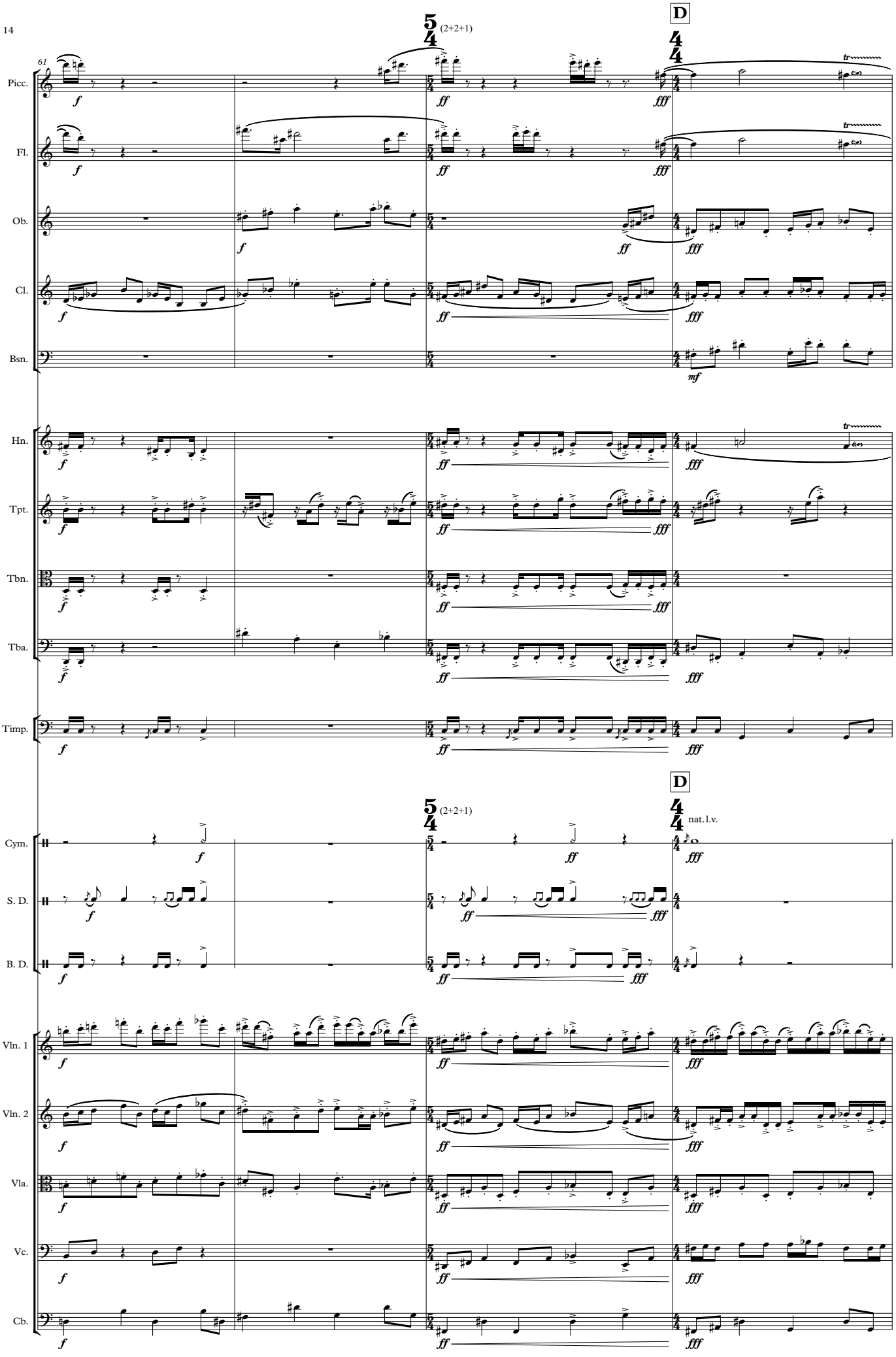

38
♩=92
(3+4)
(4+3)
♩=96
poco rit.
♩=92
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
nat.
mute
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
pizz.
arco
Cb.

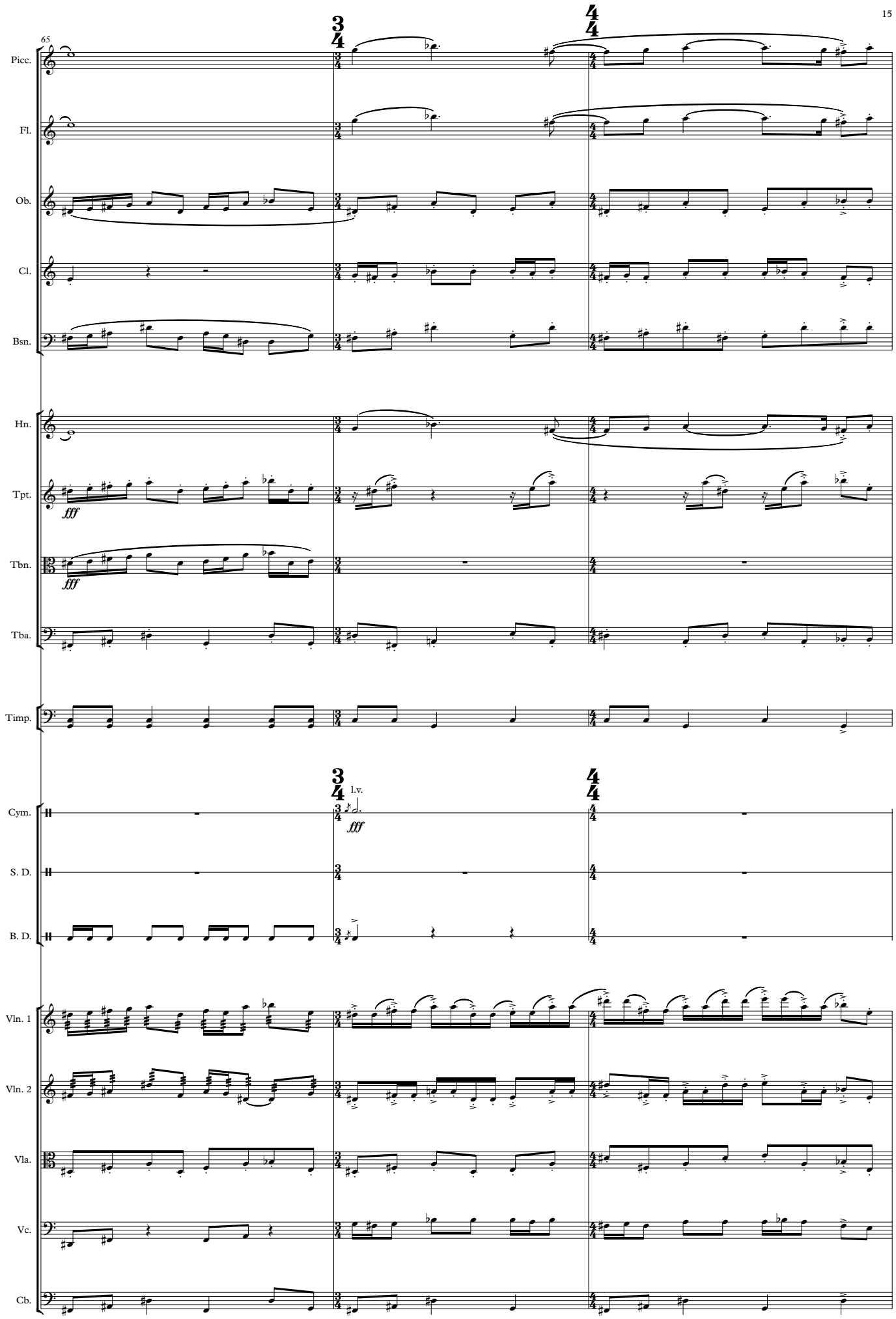

42
♩=96
rit.
♩=88
♩=92
poco accel.
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
nat.
mute
nat.
mute
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

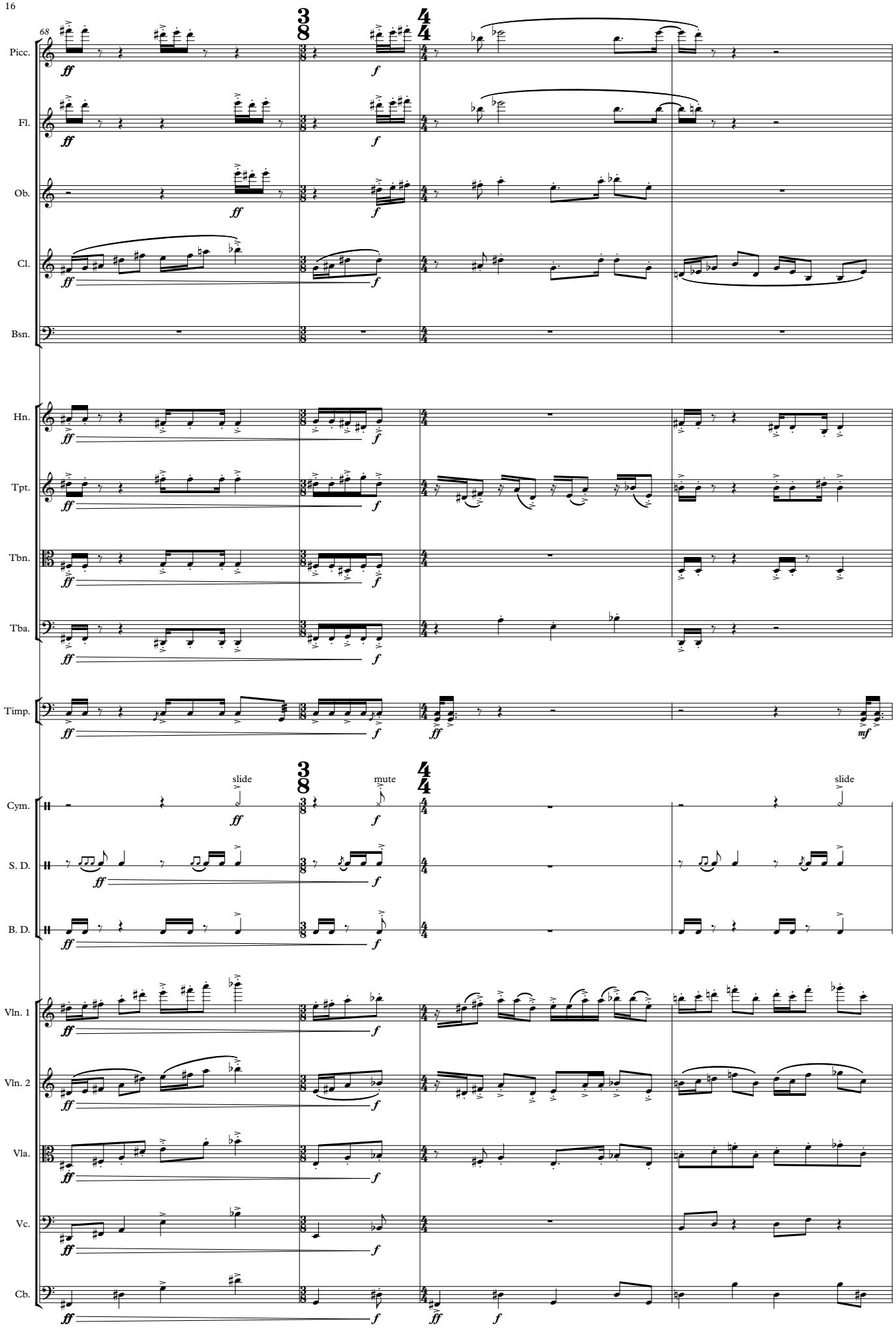

46
♩=96
rit.
7/8 (4+3)
4/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

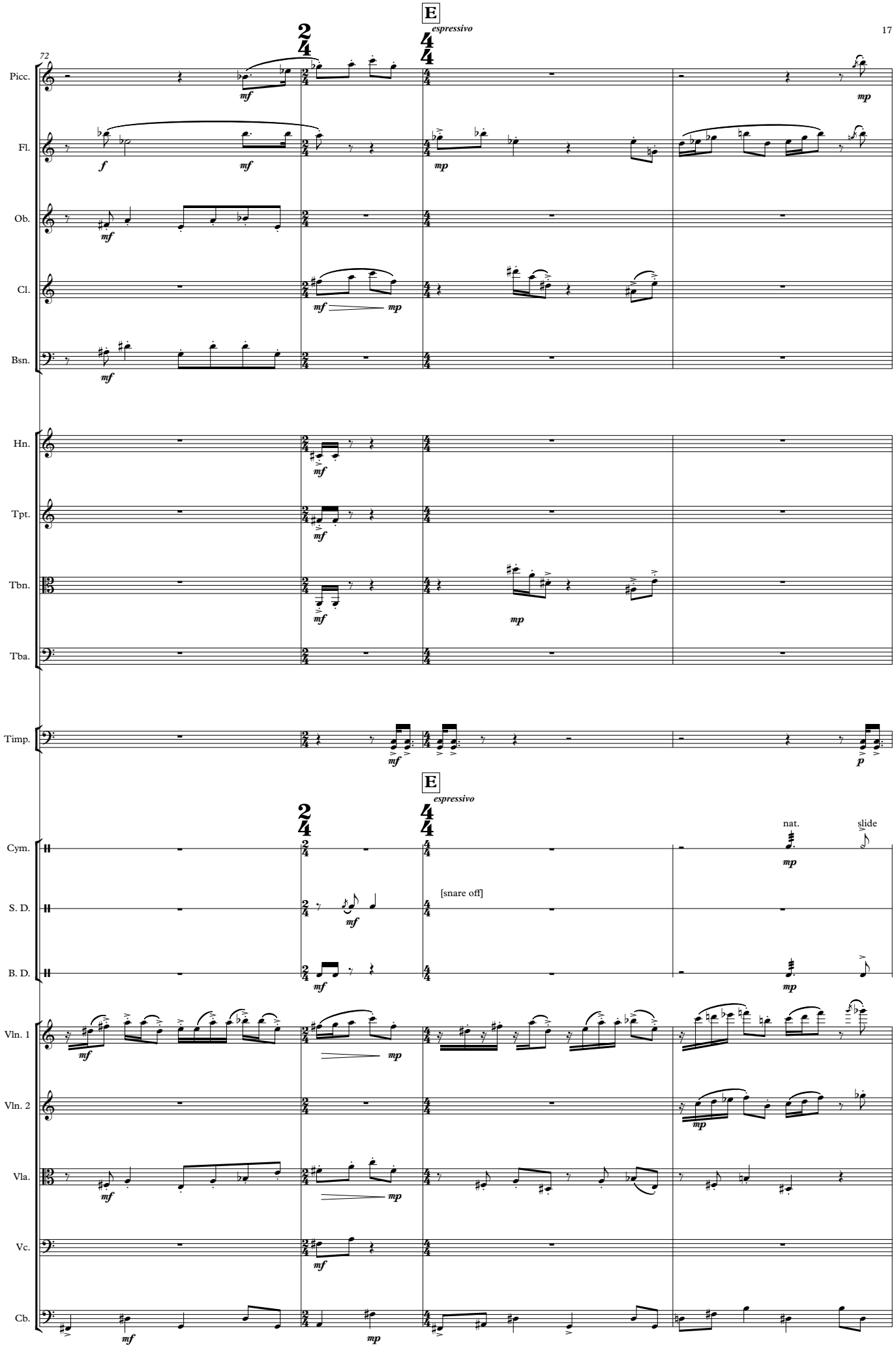

C
♩=72 espressivo
50
5/8 (3+2)
4/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
pp
p
ppp
C
♩=72 espressivo
nat.
slide
Cym.
[snare off]
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
pizz.

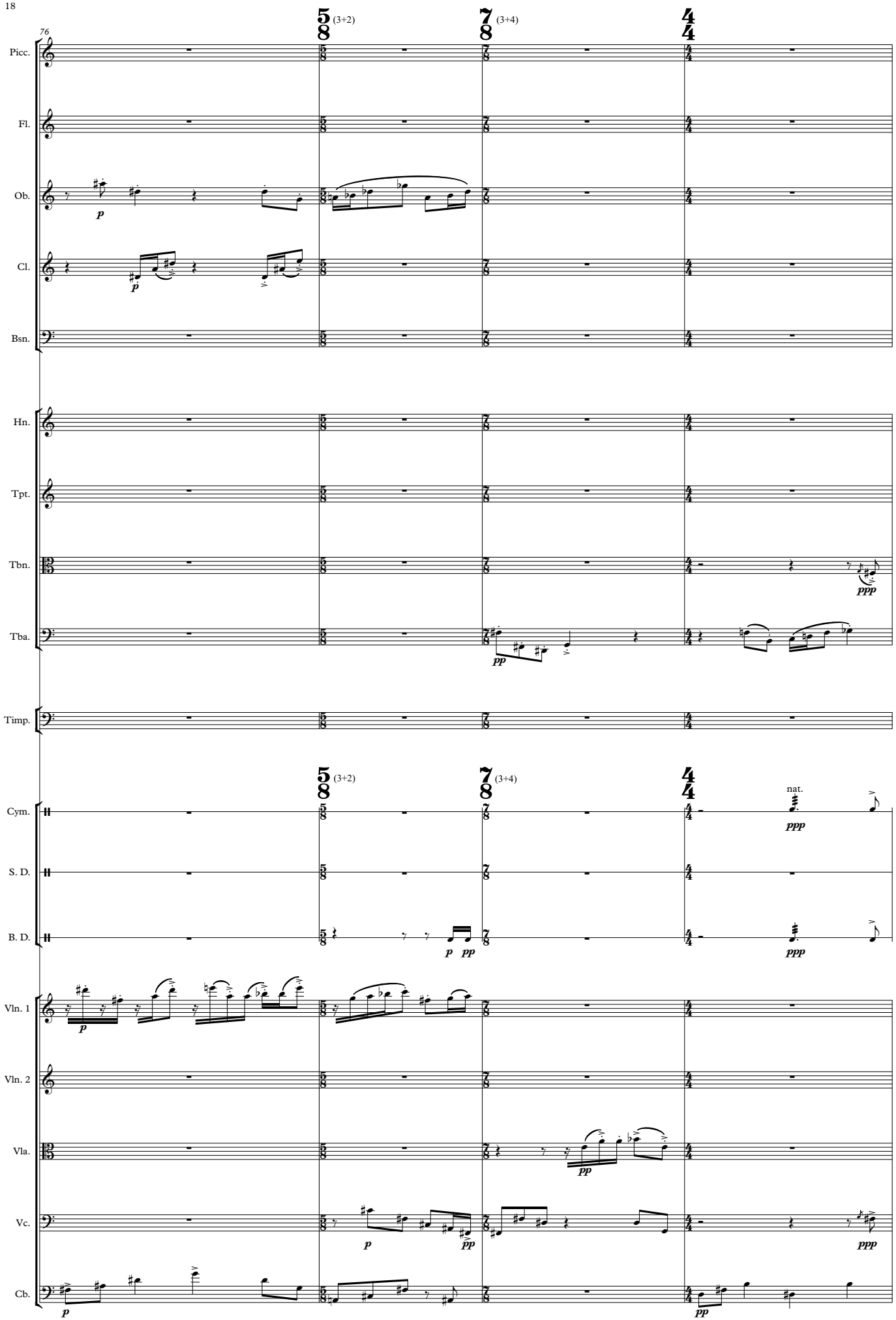

56
con fuoco
(3+2)
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
[snare on]
B. D.
Vln. 1
Vln. 2
Vla.
arco
Vc.
Cb.

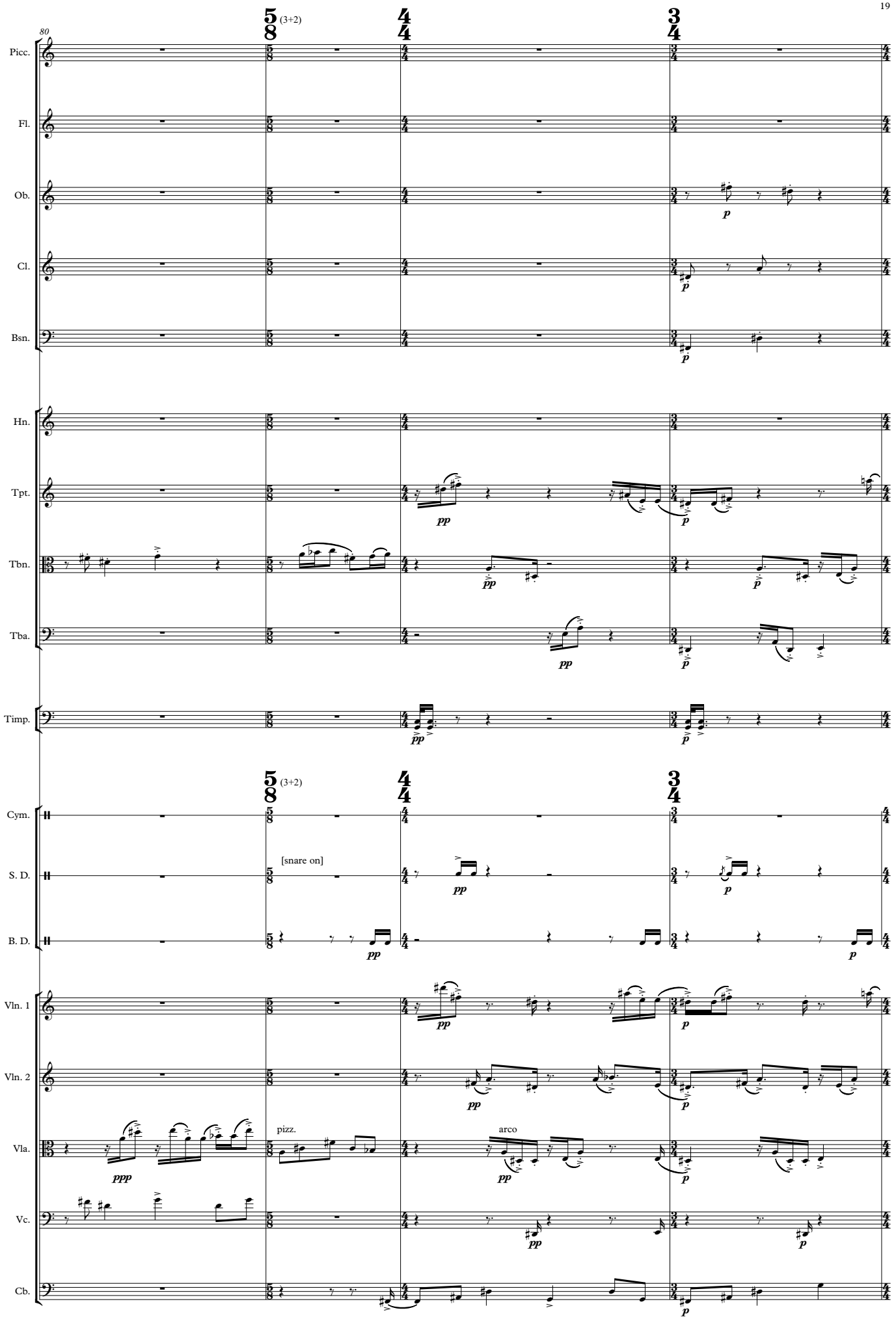

61
5/4 (2+2+1)
D
4/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
nat. l.v.
f
ff
fff
mf
tr

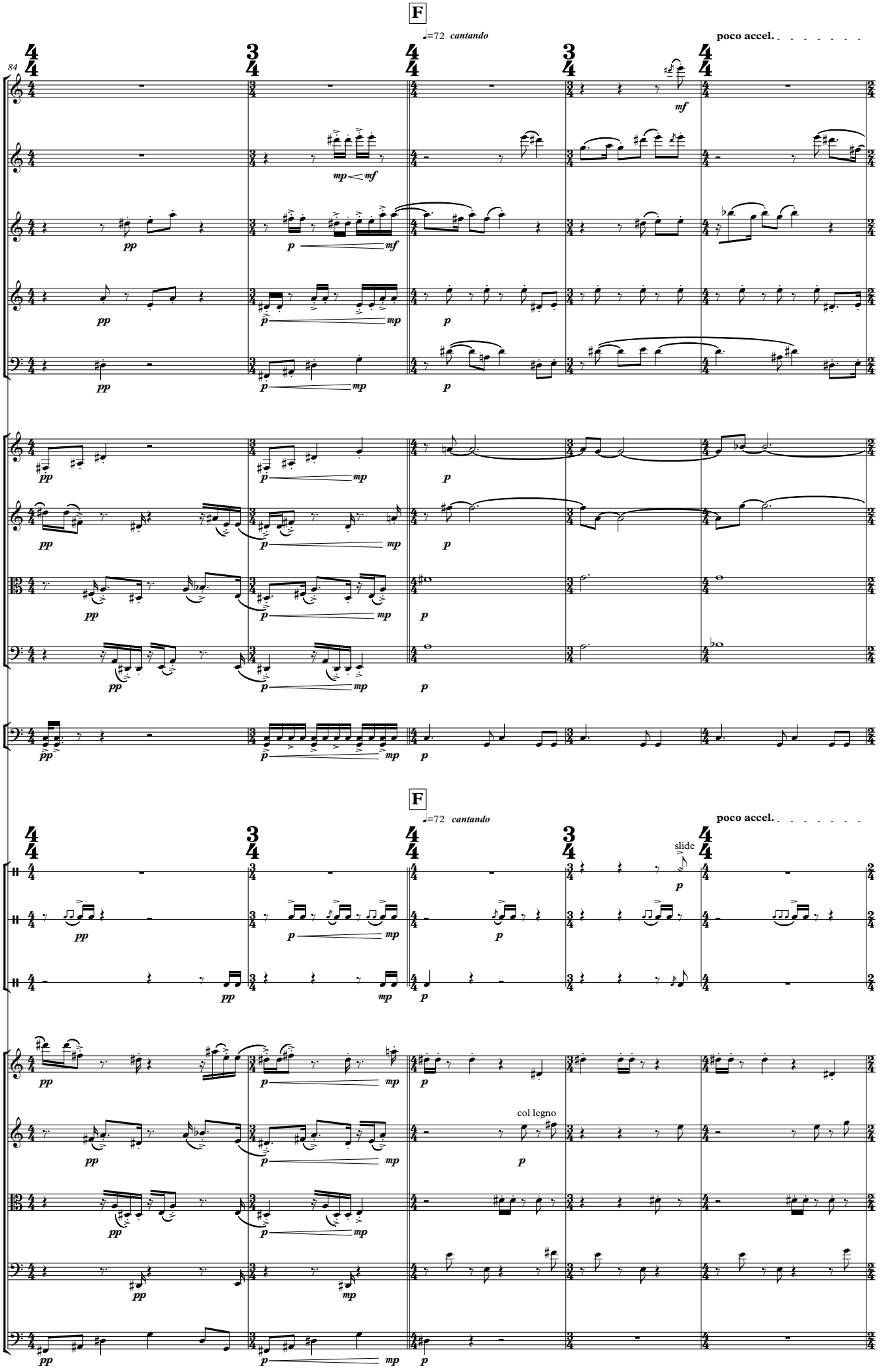

65
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
fff
Tbn.
fff
Tba.
Timp.
Cym.
l.v.
fff
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


68
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
mute
slide
ff
f
mf


72
E
espressivo
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
E
espressivo
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
[snare off]
nat.
slide


76
5/8 (3+2)
7/8 (3+4)
4/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
p
pp
ppp
nat.


80
5/8 (3+2)
4/4
3/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
[snare on]
pizz.
arco
ppp
pp
p


F
♩=72 cantando
poco accel.
84
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
F
♩=72 cantando
poco accel.
slide
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
col legno
Vla.
Vc.
Cb.

89

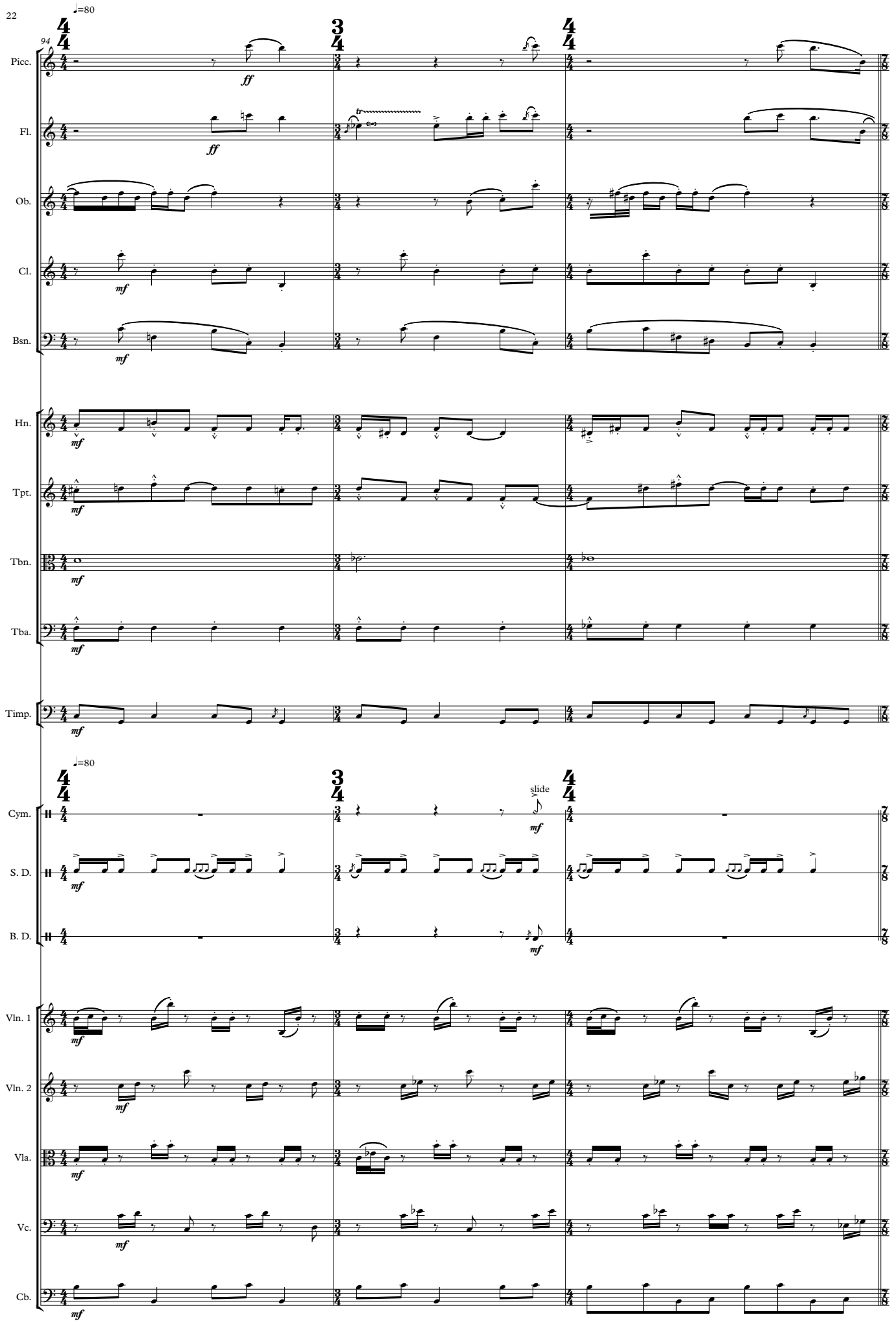
♩=76 poco accel.

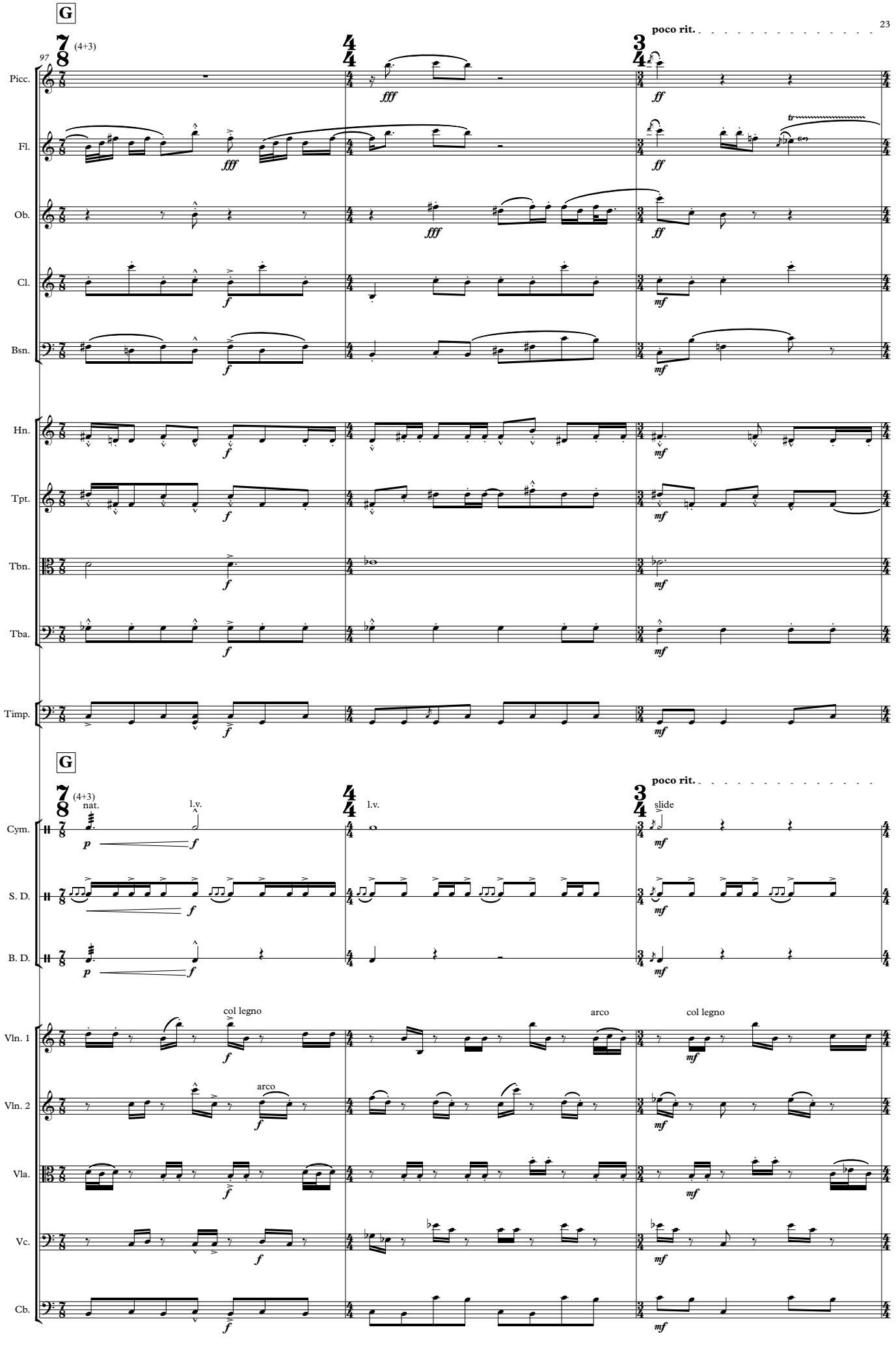
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.

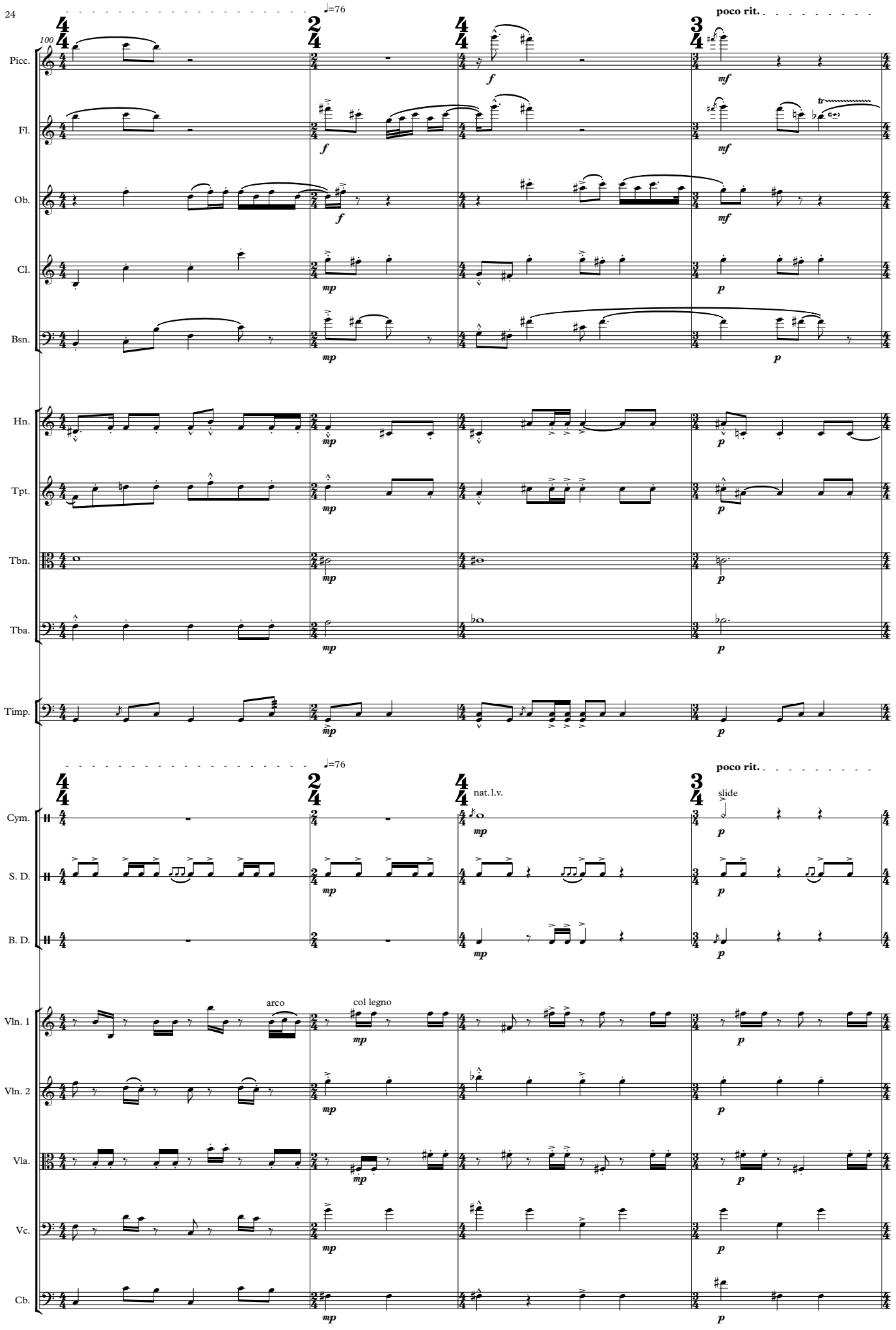
♩=76 poco accel.

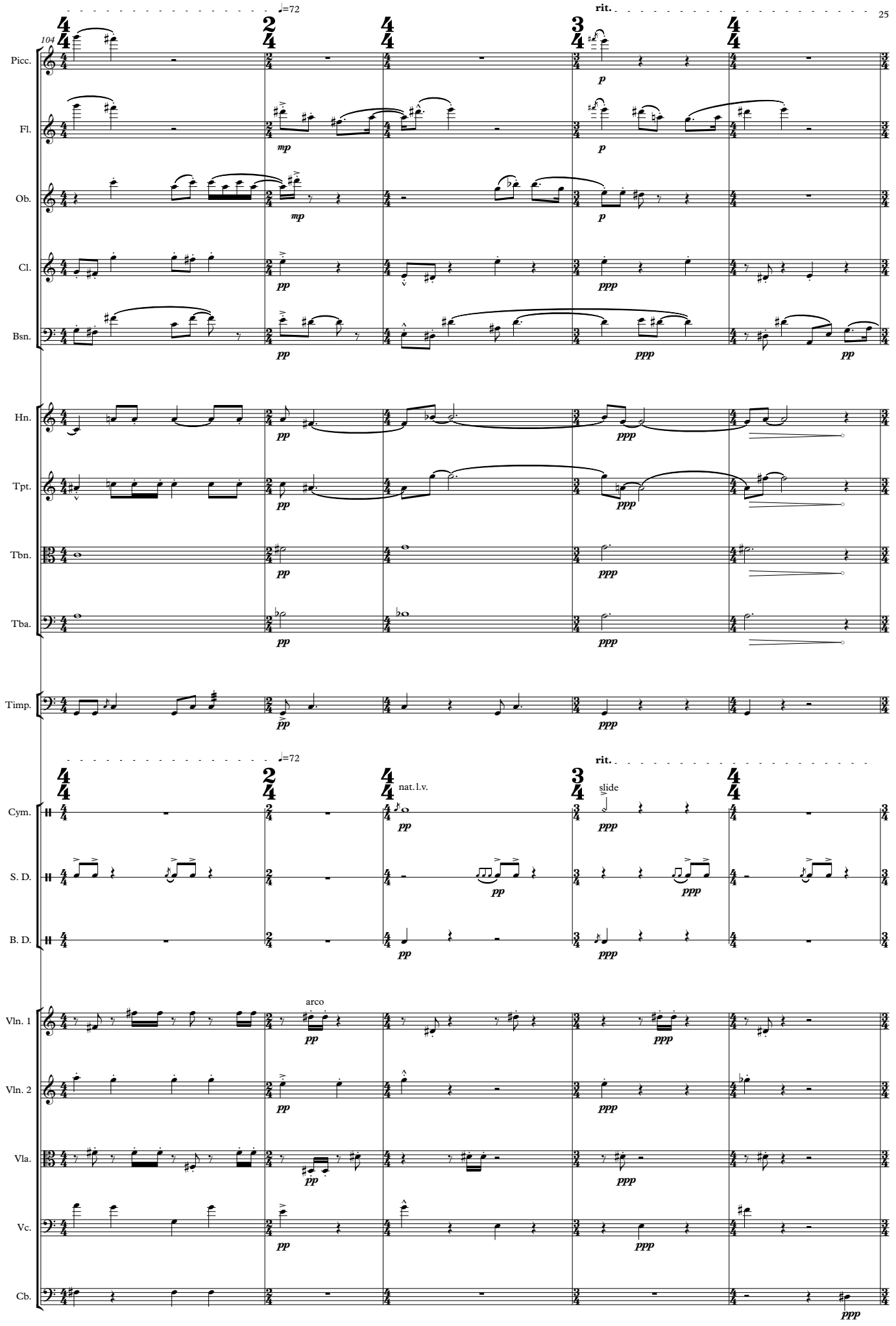
nat. slide nat.

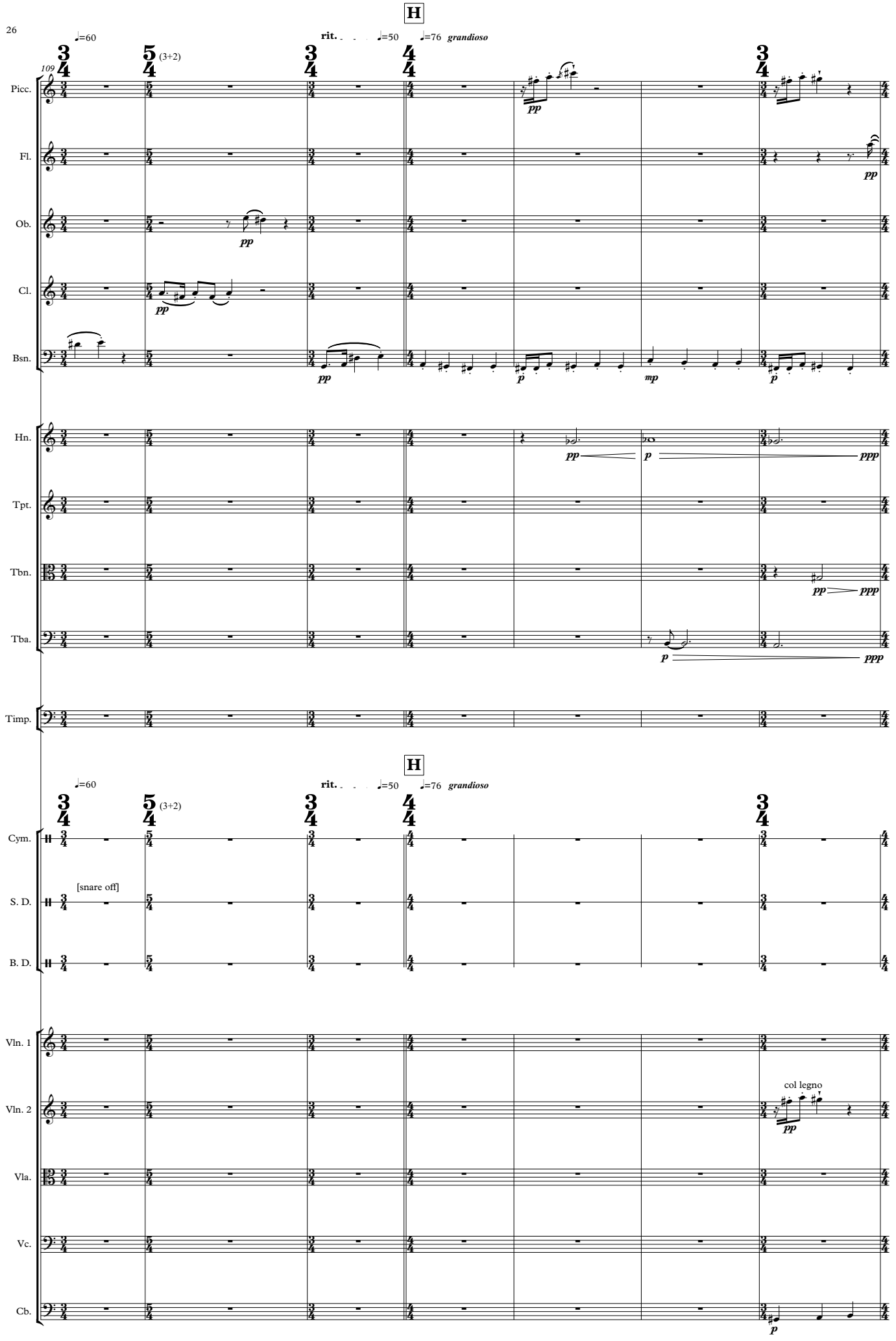
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

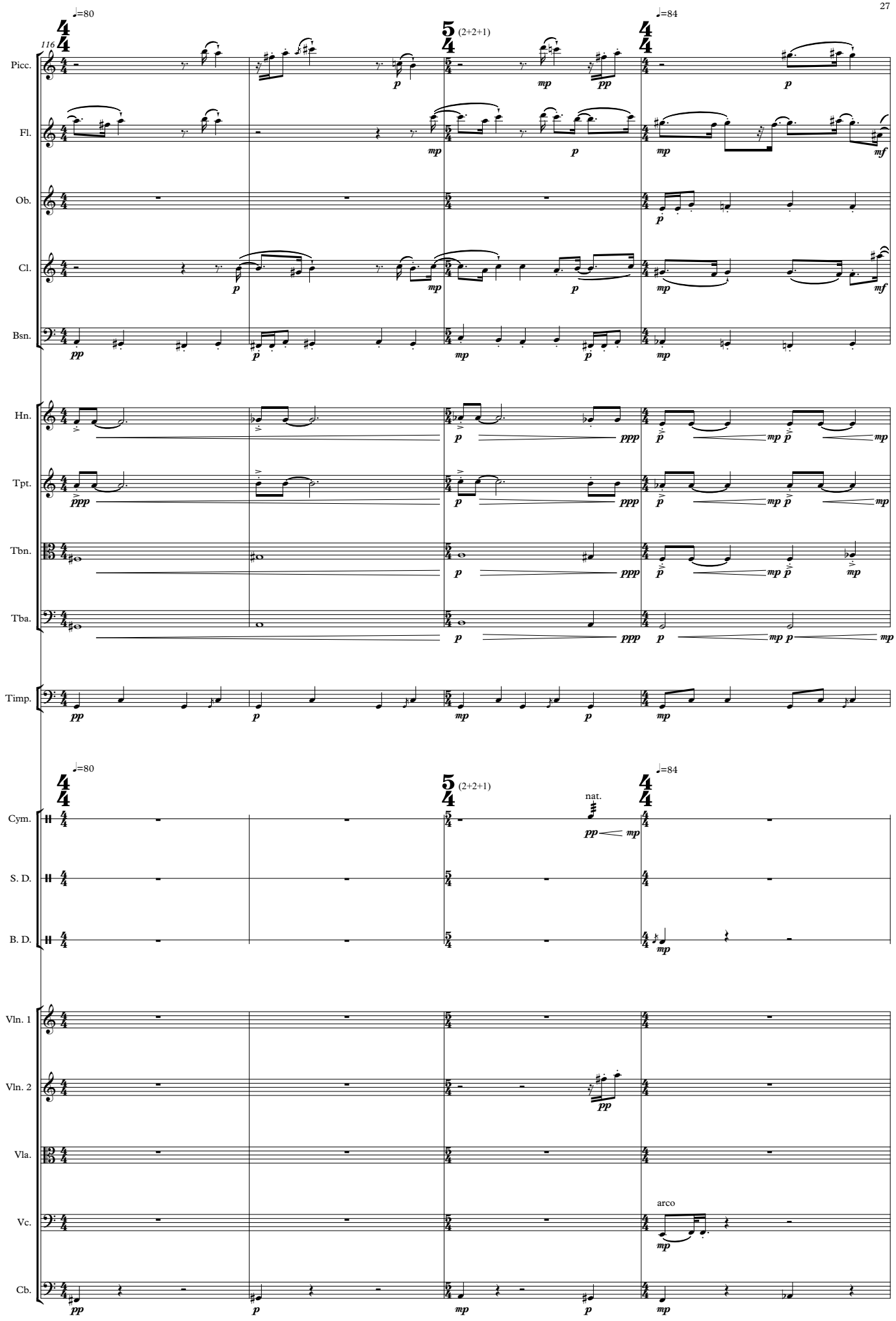

94
♩=80
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
♩=80
slide
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

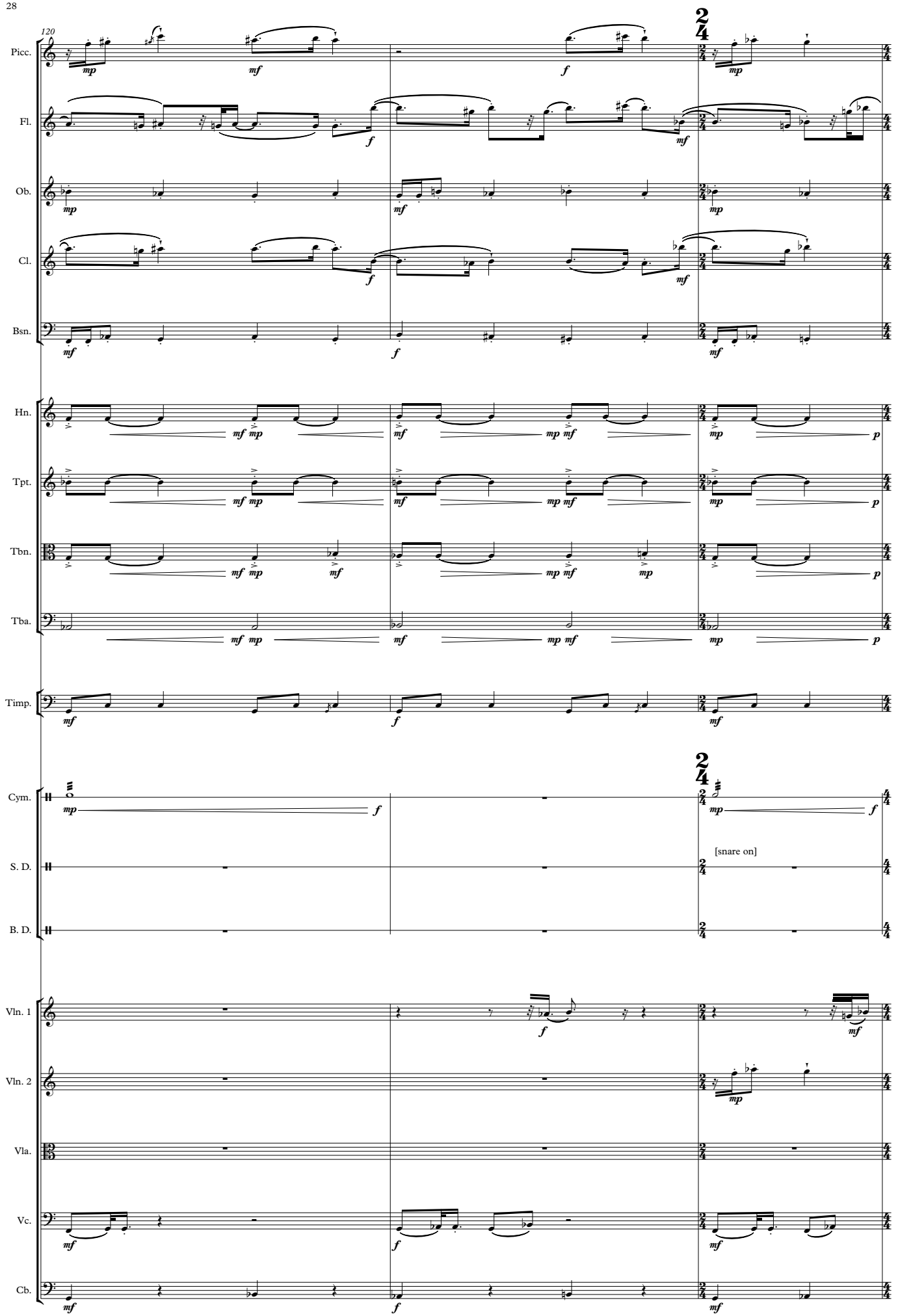

G
poco rit.
97
7/8 (4+3)
4/4
3/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
fff
ff
mf
f
G
poco rit.
nat.
l.v.
slide
Cym.
S. D.
B. D.
col legno
arco
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

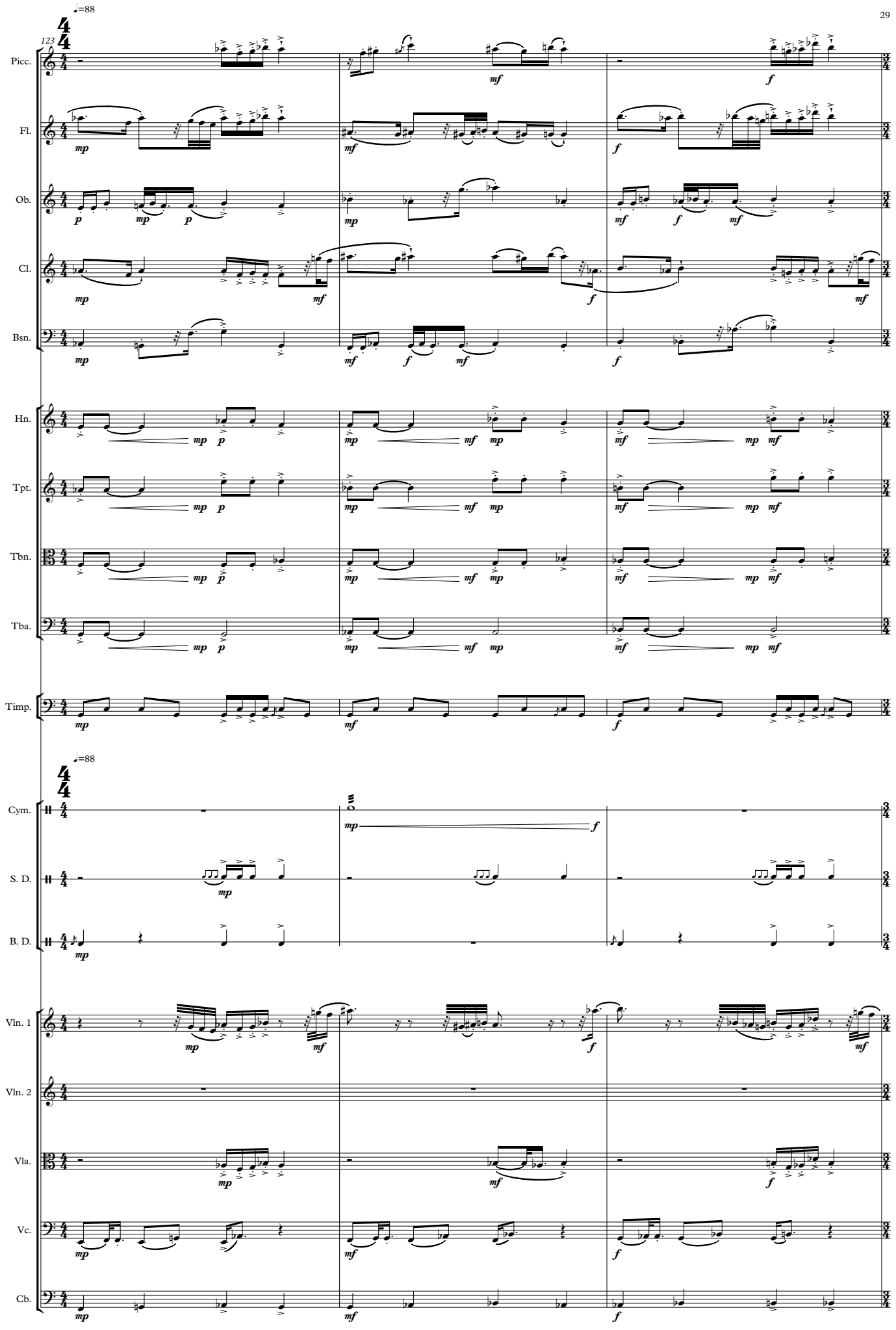

100
♩=76
poco rit.
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
nat. l.v.
slide
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
arco
col legno

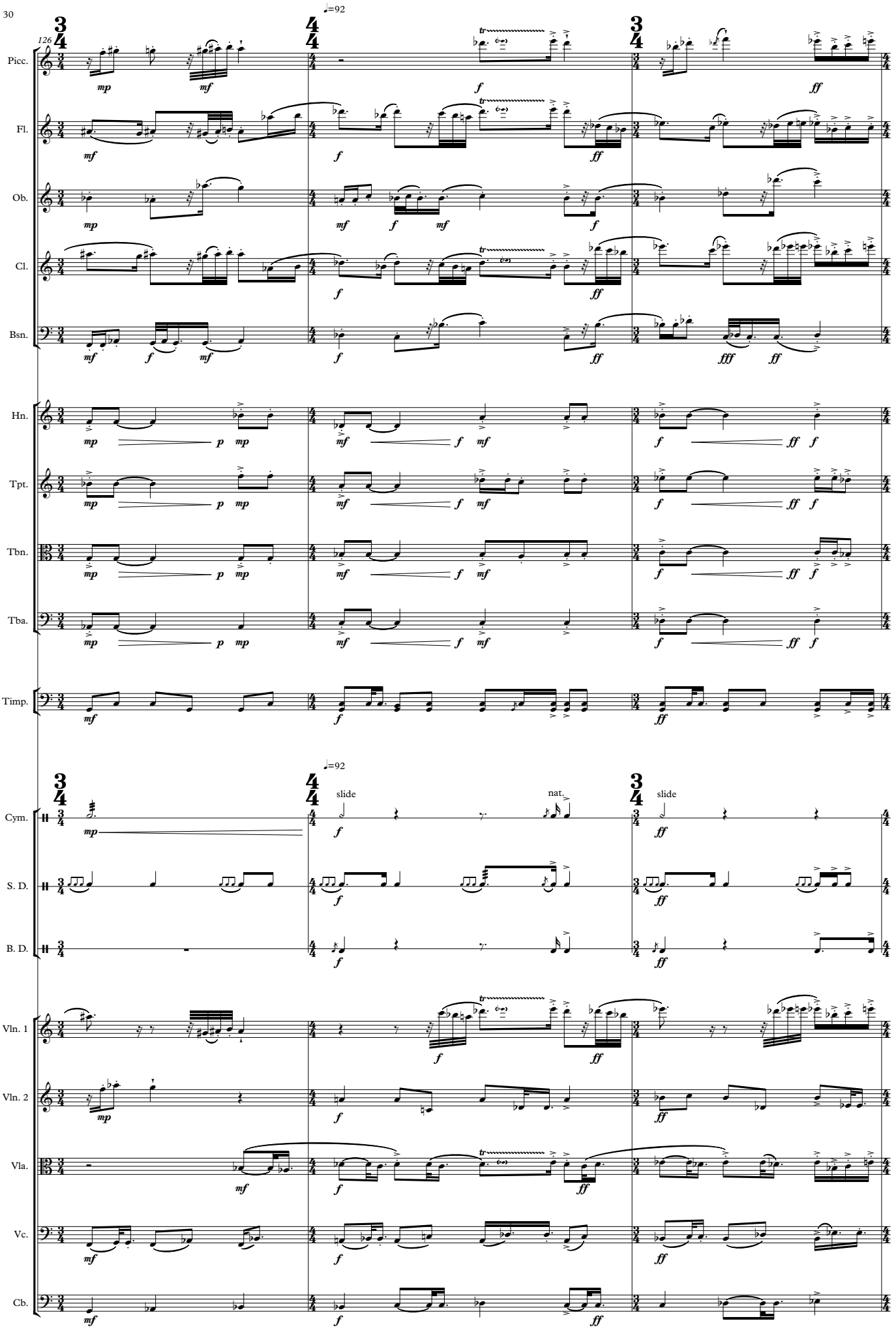

104
♩=72
rit.
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
nat.l.v.
slide
arco
p
mp
pp
ppp


H
♩=60
rit.
♩=50
♩=76 grandioso
109
3/4
5/4 (3+2)
3/4
4/4
3/4
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
pp
p
mp
ppp
H
♩=60
rit.
♩=50
♩=76 grandioso
Cym.
S. D.
[snare off]
B. D.
Vln. 1
Vln. 2
col legno
Vla.
Vc.
Cb.


116
♩=80
(2+2+1)
♩=84
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
nat.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
arco
Vc.
Cb.


120
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
[snare on]
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


♩=88
123
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
♩=88
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


126
♩=92
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
nat.
slide

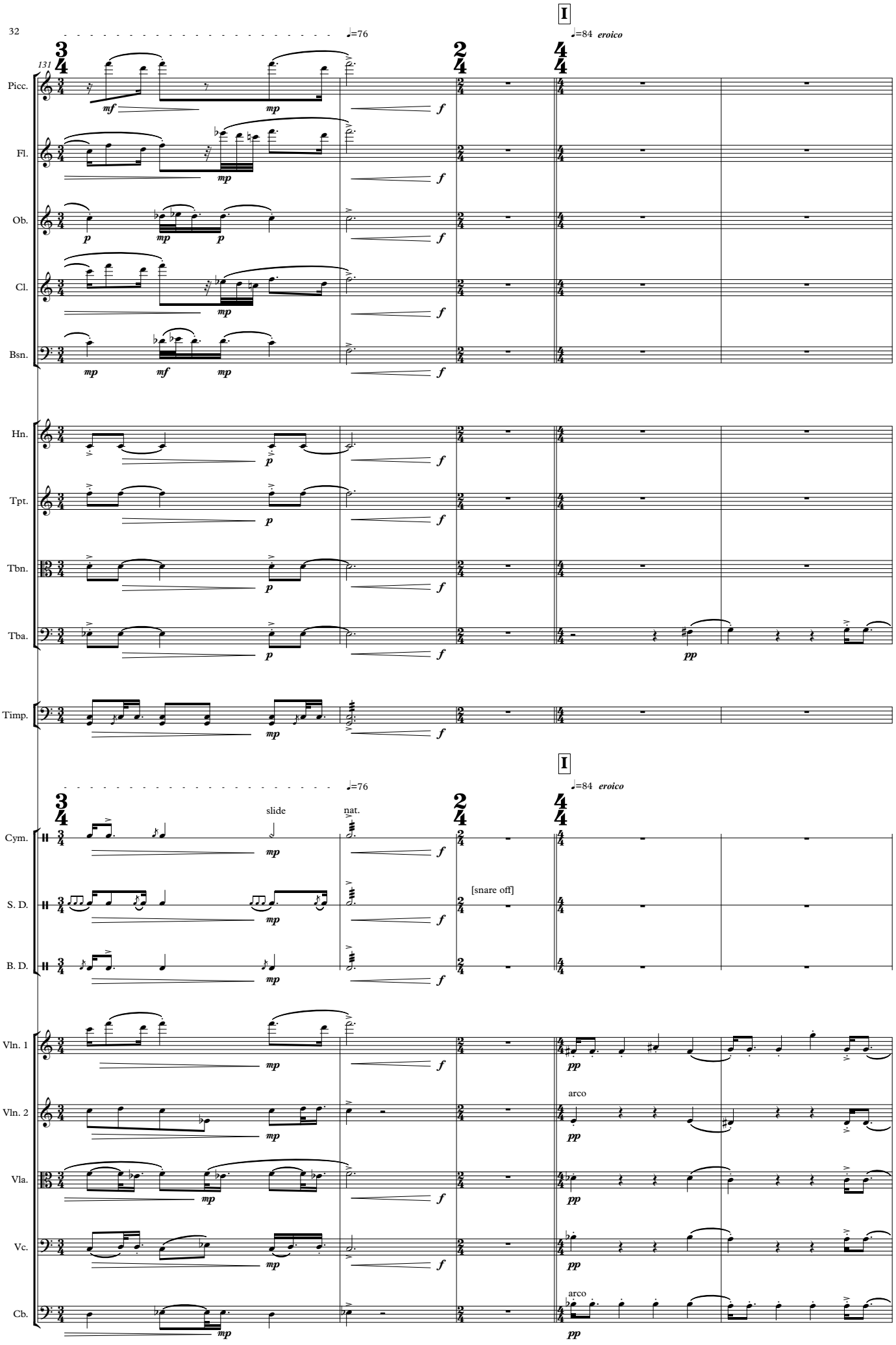
129

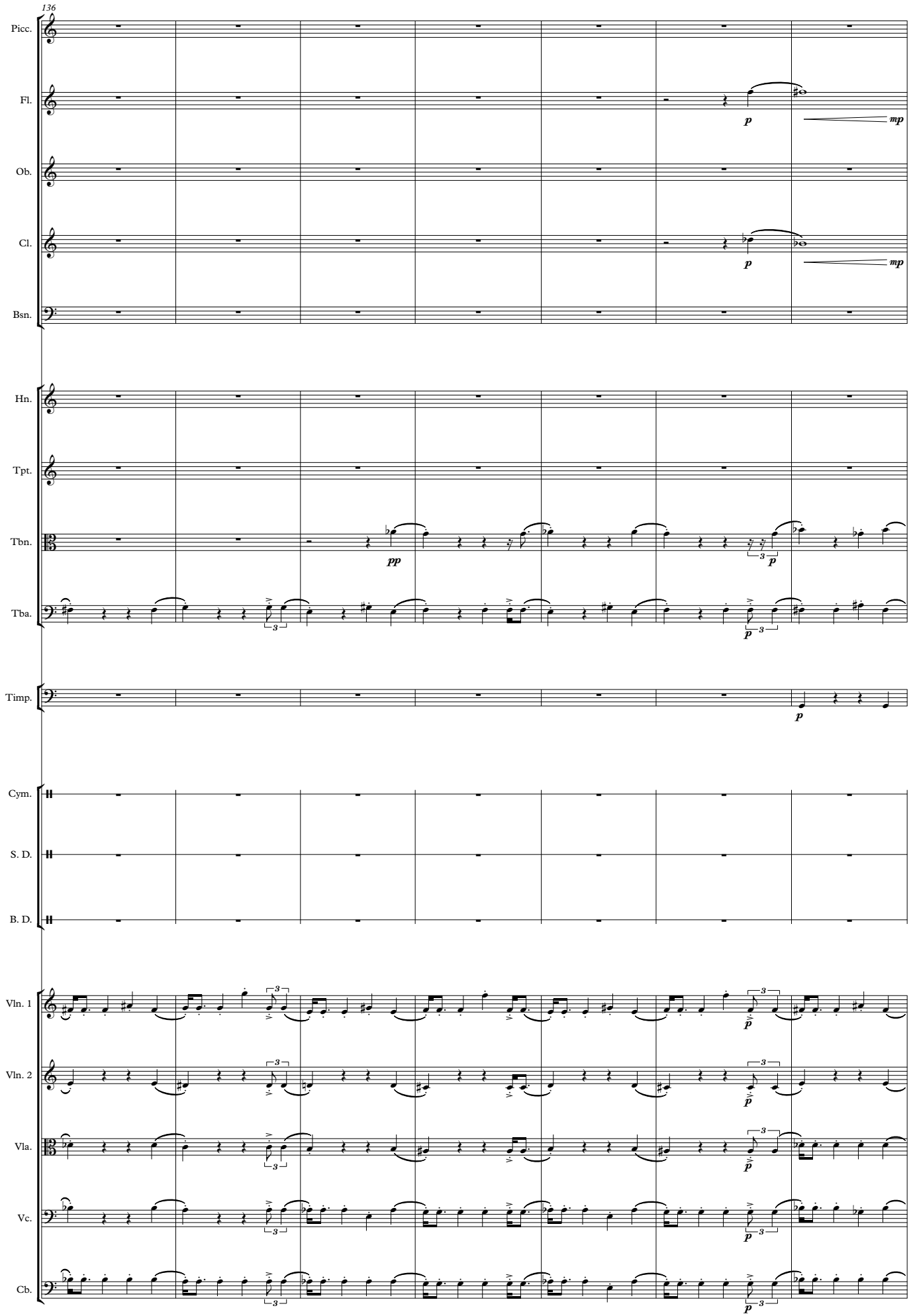
♩=96 **rit.**

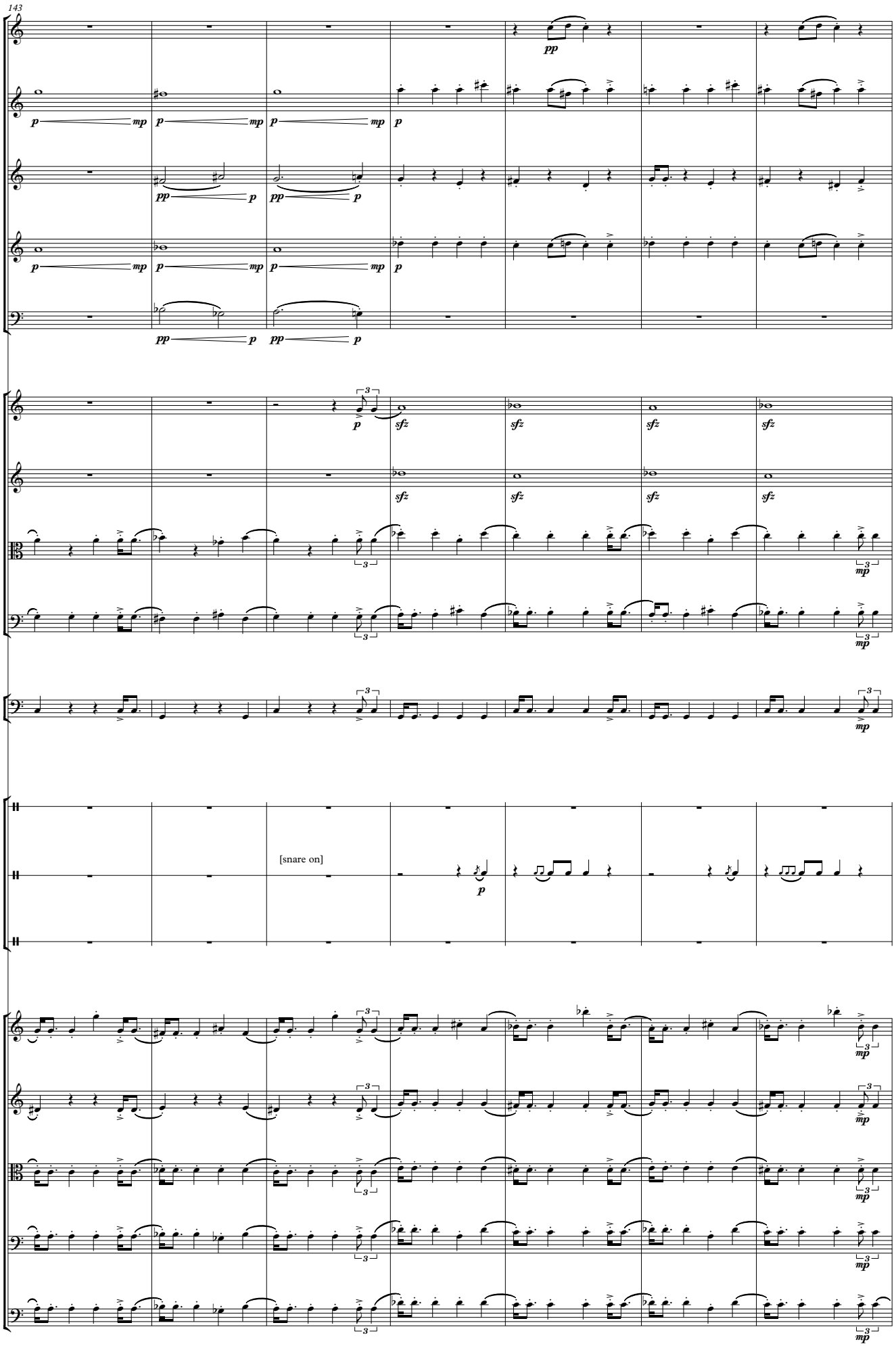
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.

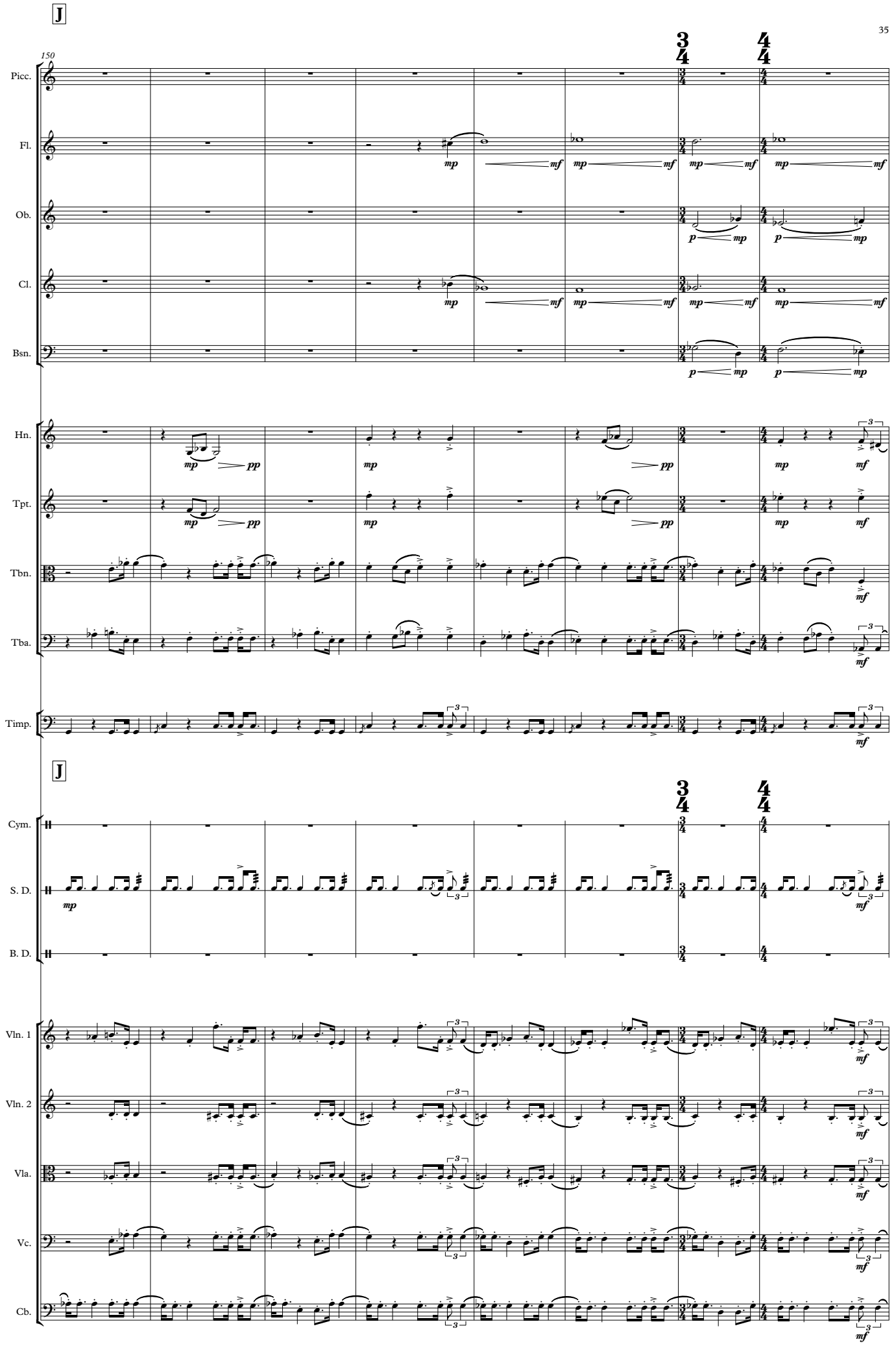
nat.
slide
nat.

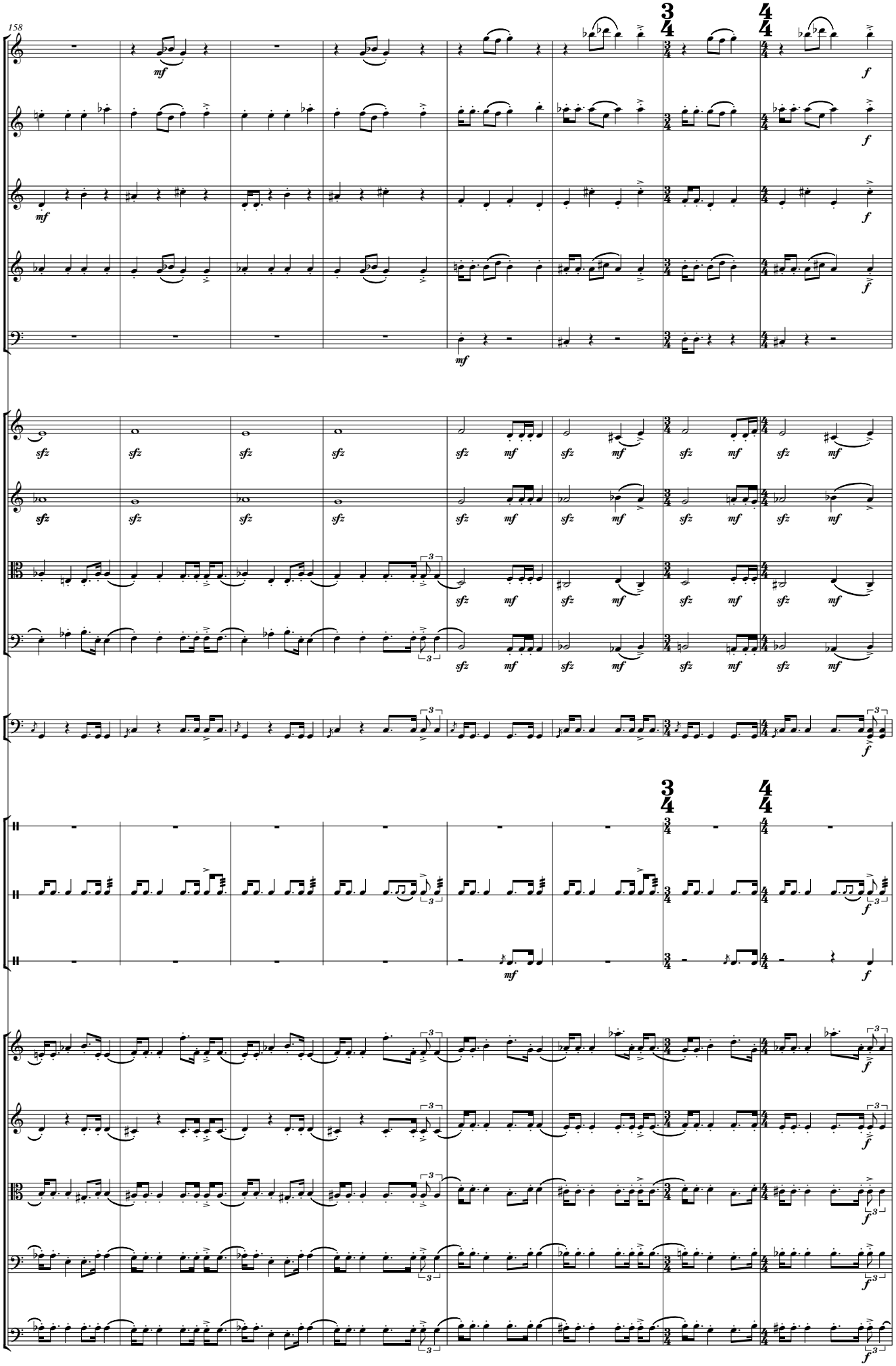
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

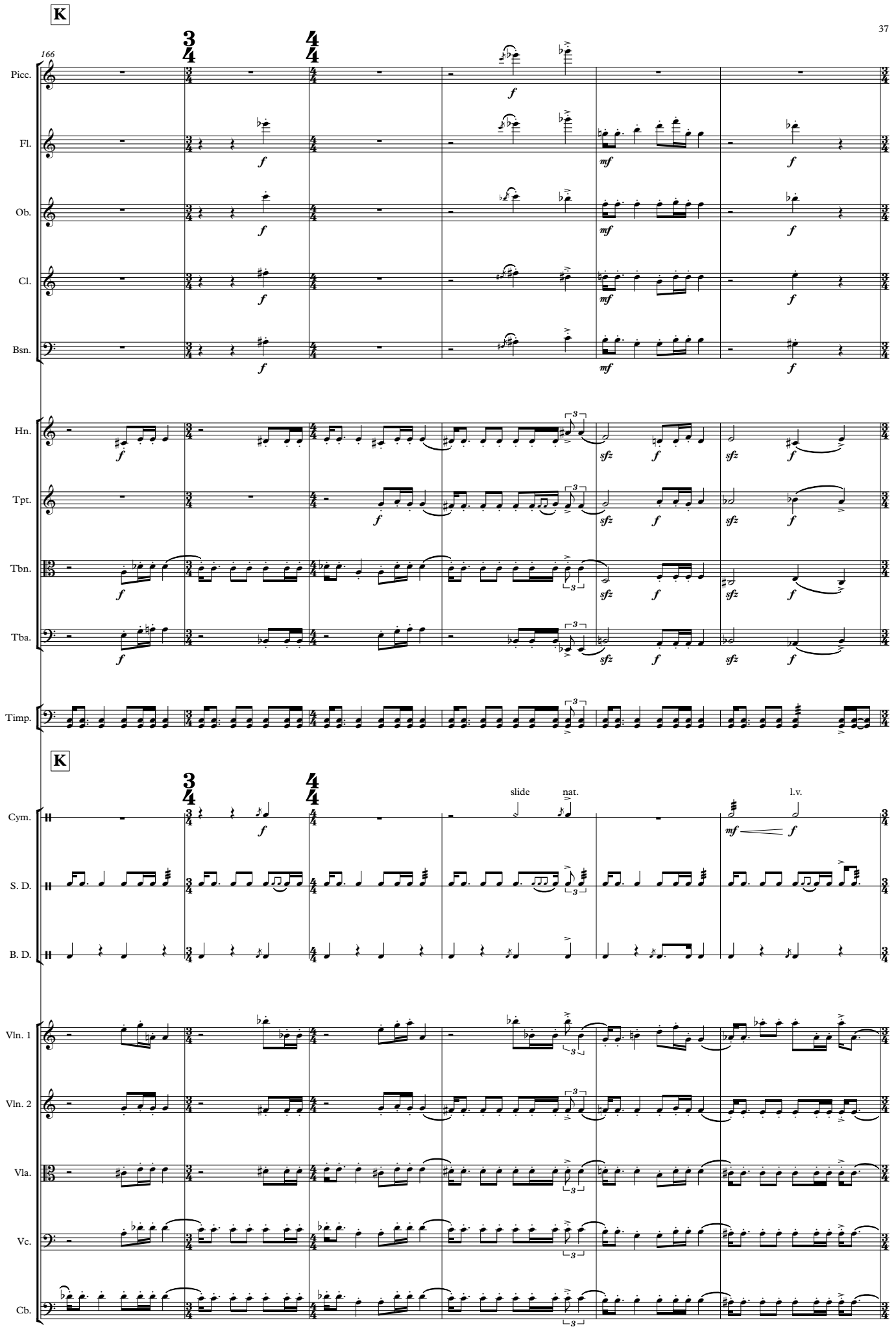

I
♩=84 eroico
♩=76
131
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
nat.
[snare off]
arco
arco

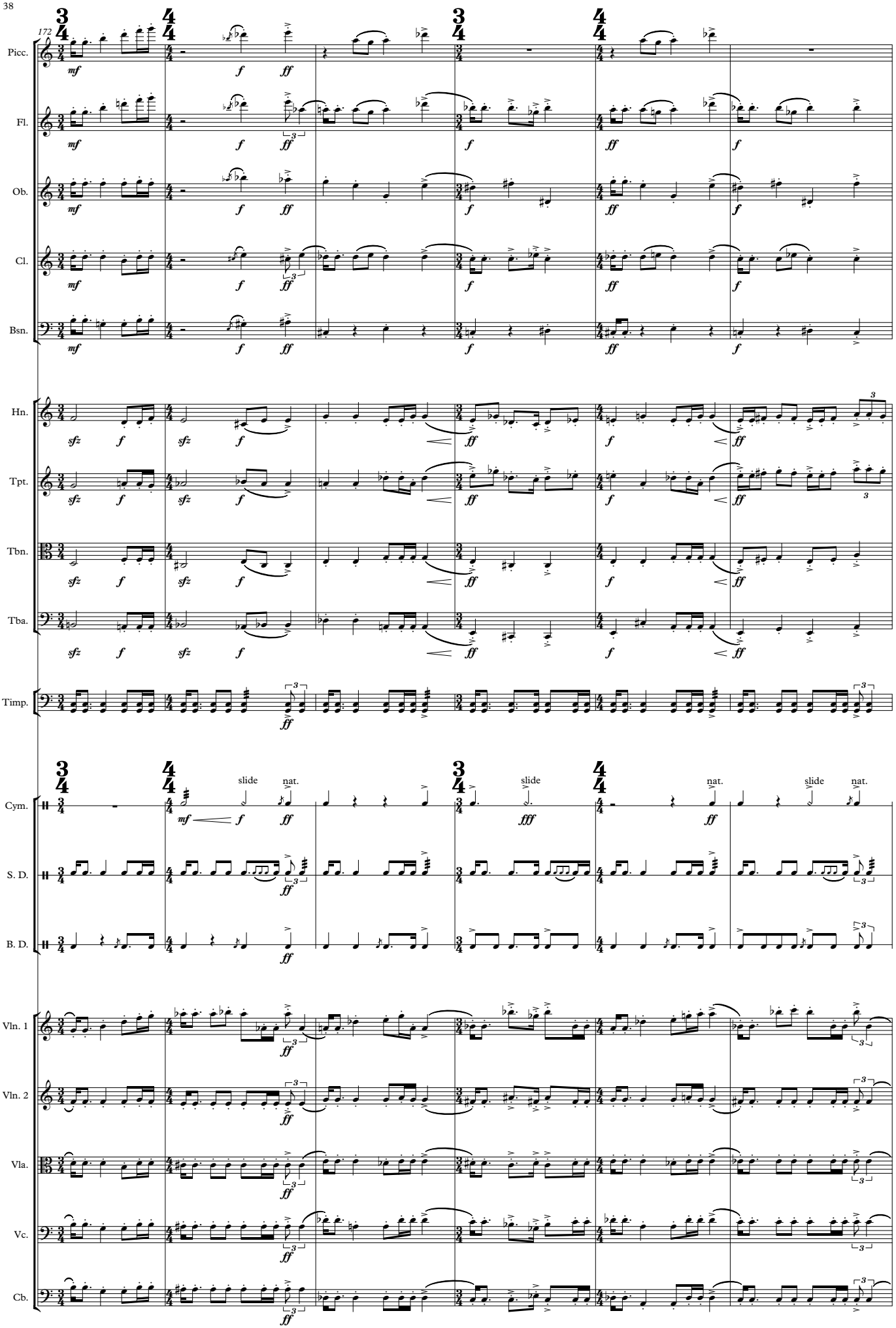

136
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
p
mp
pp

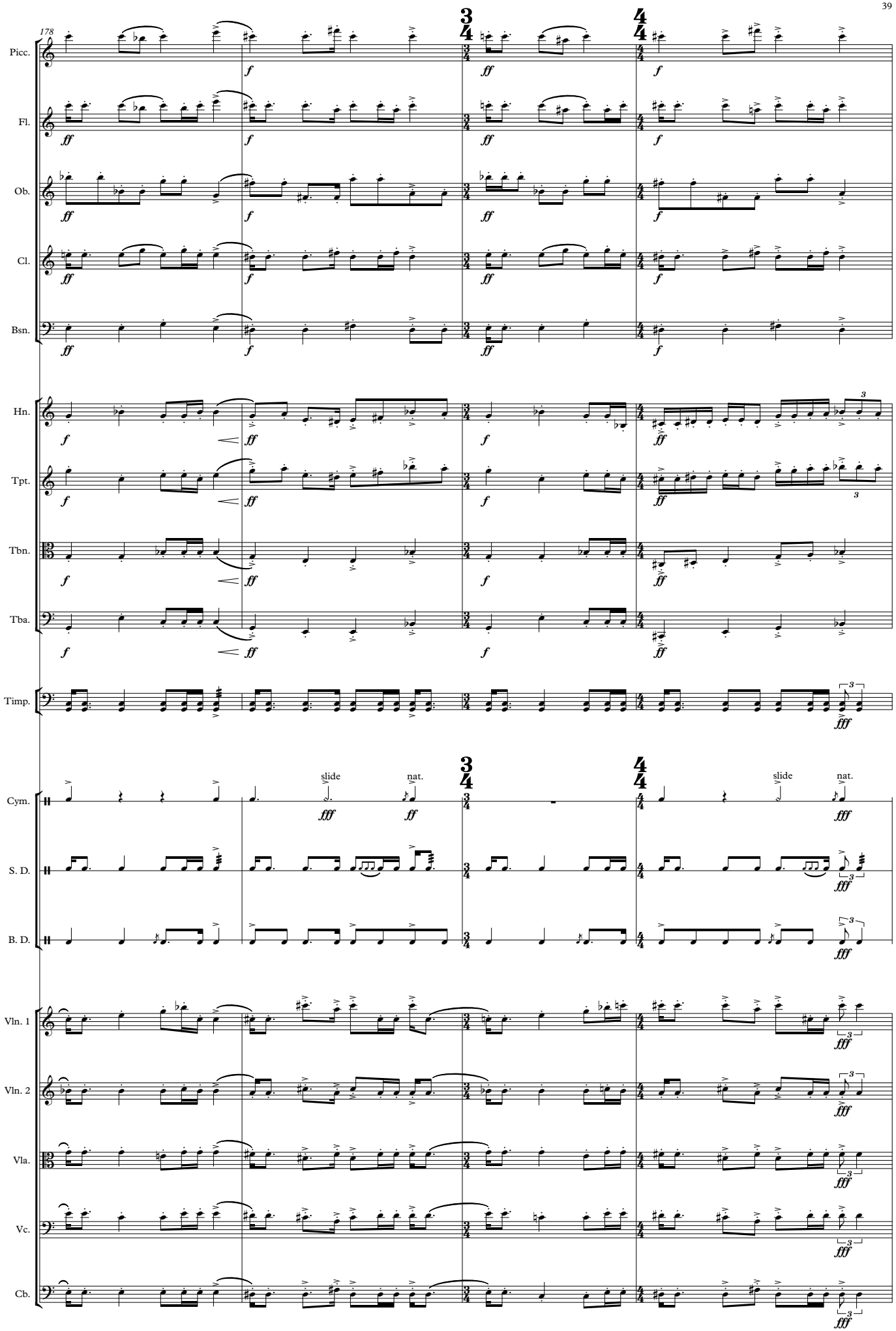

143
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
[snare on]
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

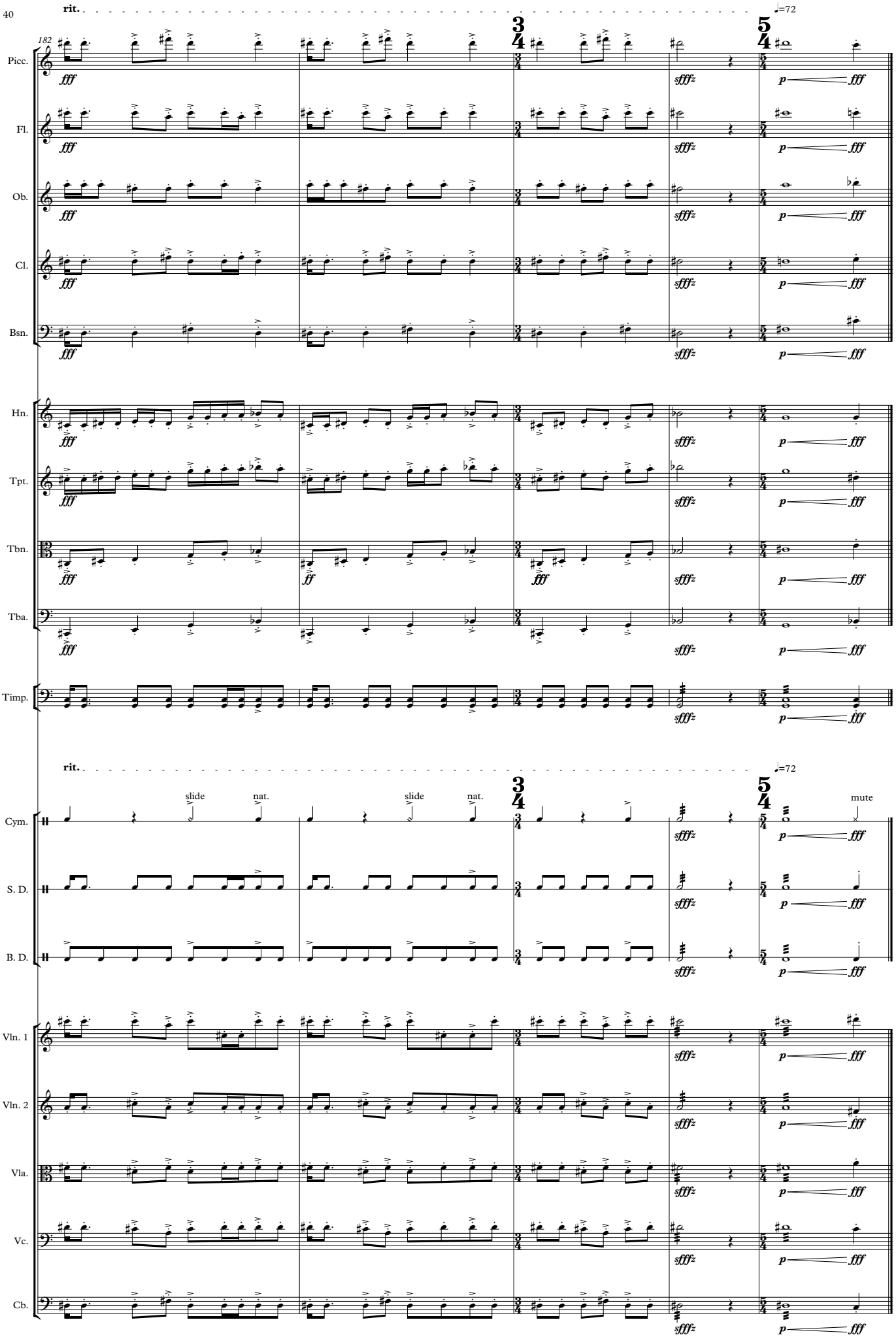

J
150
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
J
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


158
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


K
166
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
K
slide
nat.
l.v.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.


172
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
nat.


178
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
slide
nat.
slide
nat.


rit.
♩=72
182
Picc.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
Tba.
Timp.
rit.
♩=72
slide
nat.
slide
nat.
mute
Cym.
S. D.
B. D.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.

Appendix F

Aggregation
(Finale Excerpt Arrangement)

for small orchestra

(2017)

Score in C

Michael McNeilis

Aggregation
(Finale Excerpt Arrangement)

for small orchestra

(2017)

ca. 1’00

Score in C

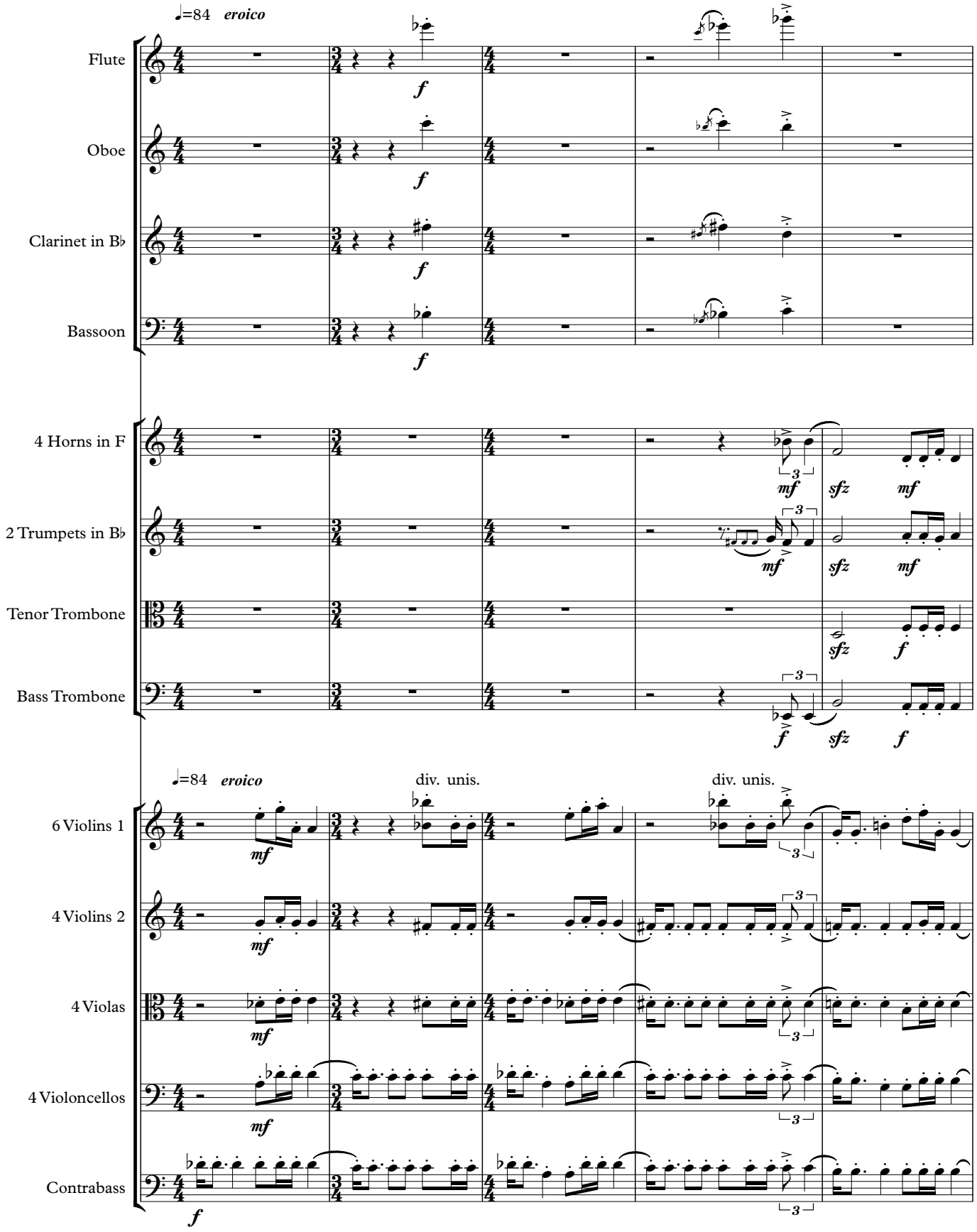
Instrumentation:

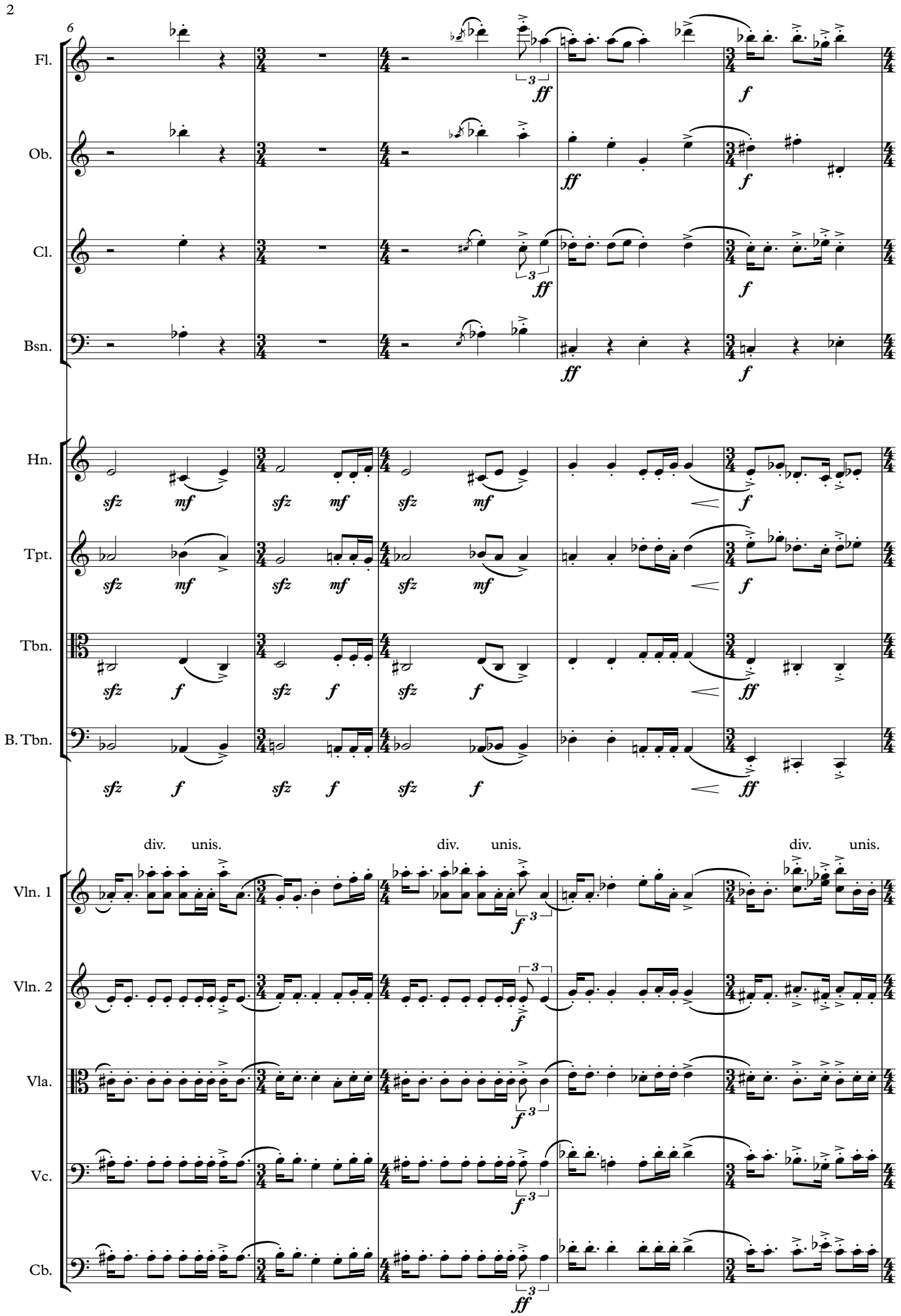
flute
oboe
clarinet in B♭
bassoon
4 French horns in F
2 trumpets in B♭
tenor trombone
bass trombone
6 violins 1
4 violins 2
4 violas
4 violoncellos
1 contrabass

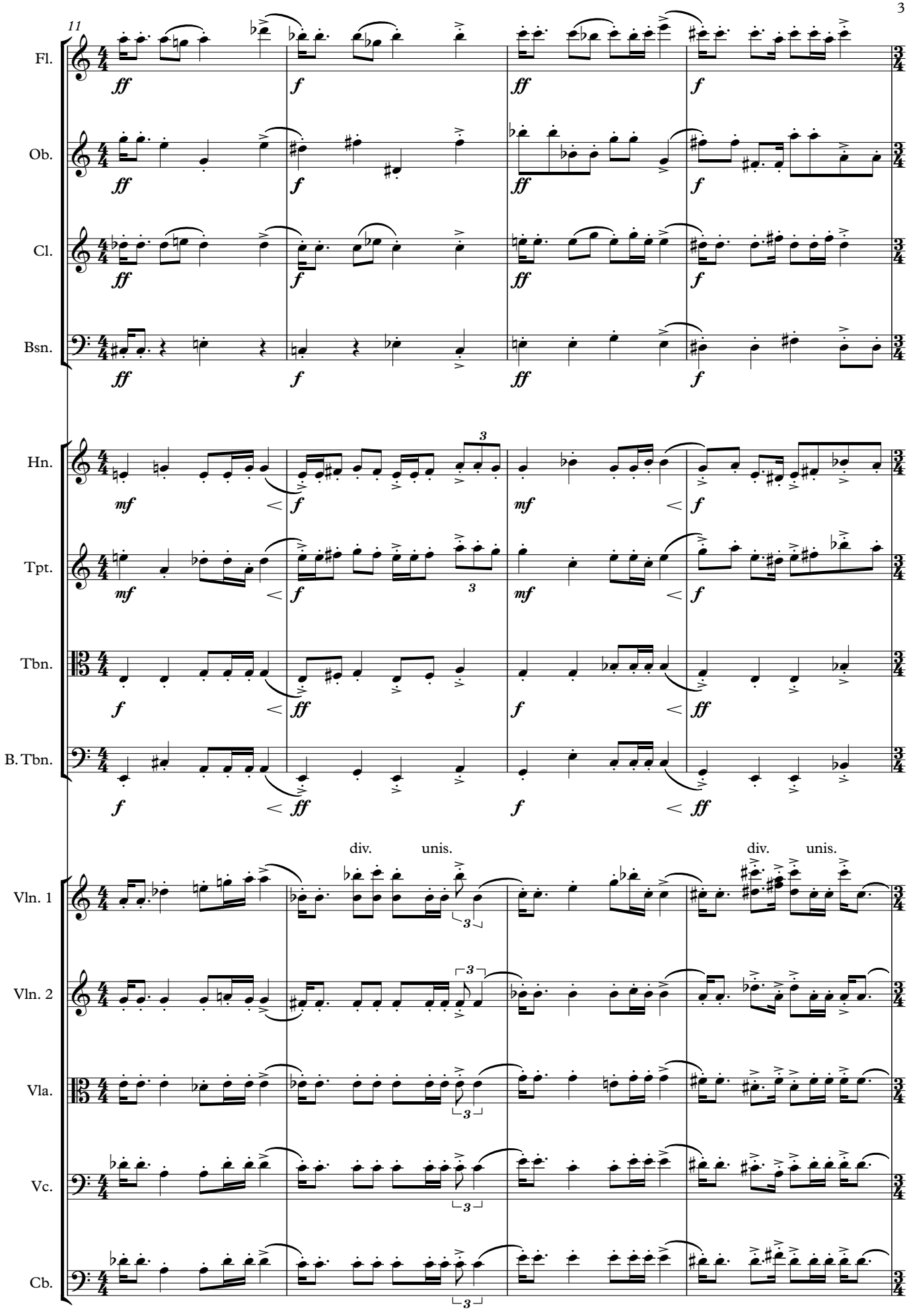
Aggregation

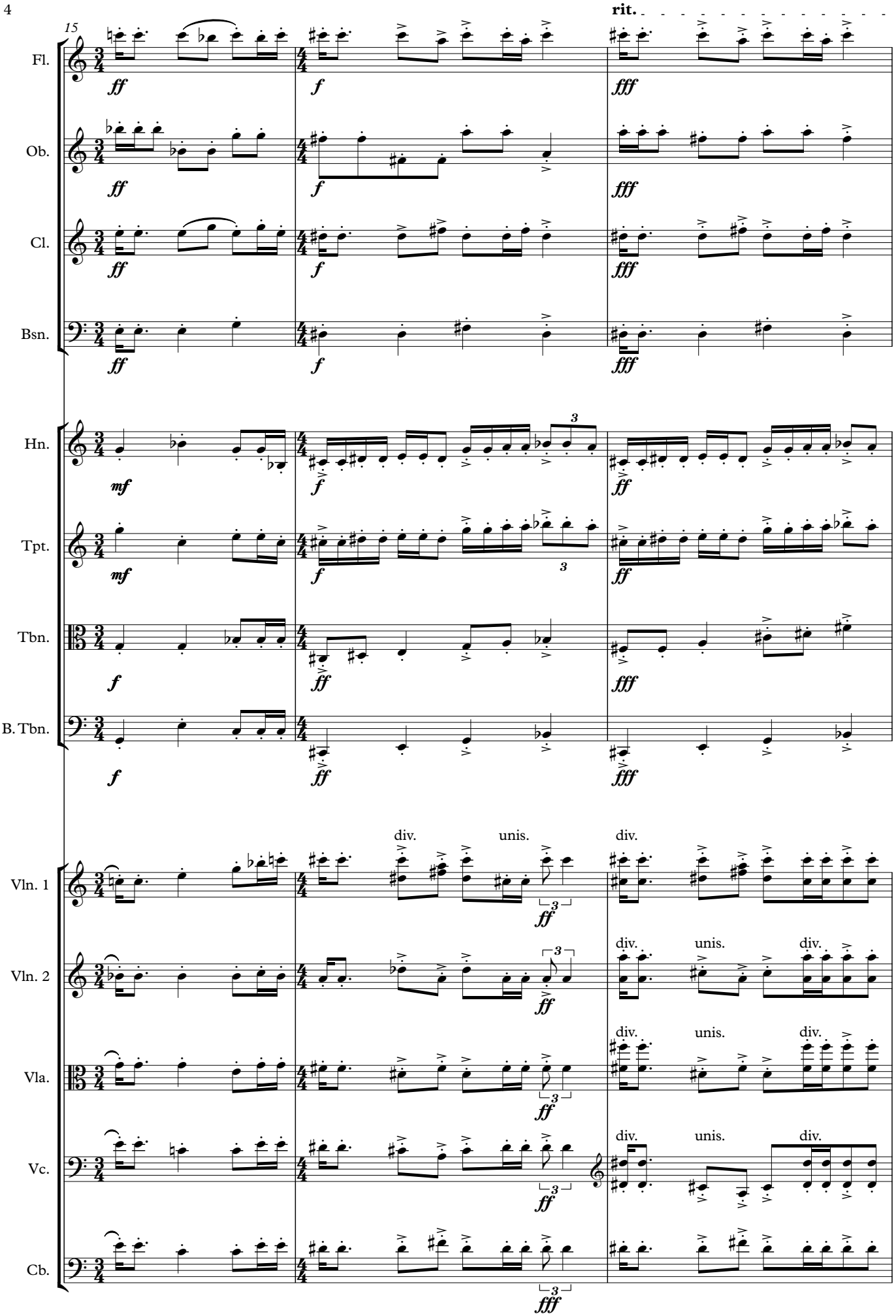
(Finale Excerpt Arrangement)

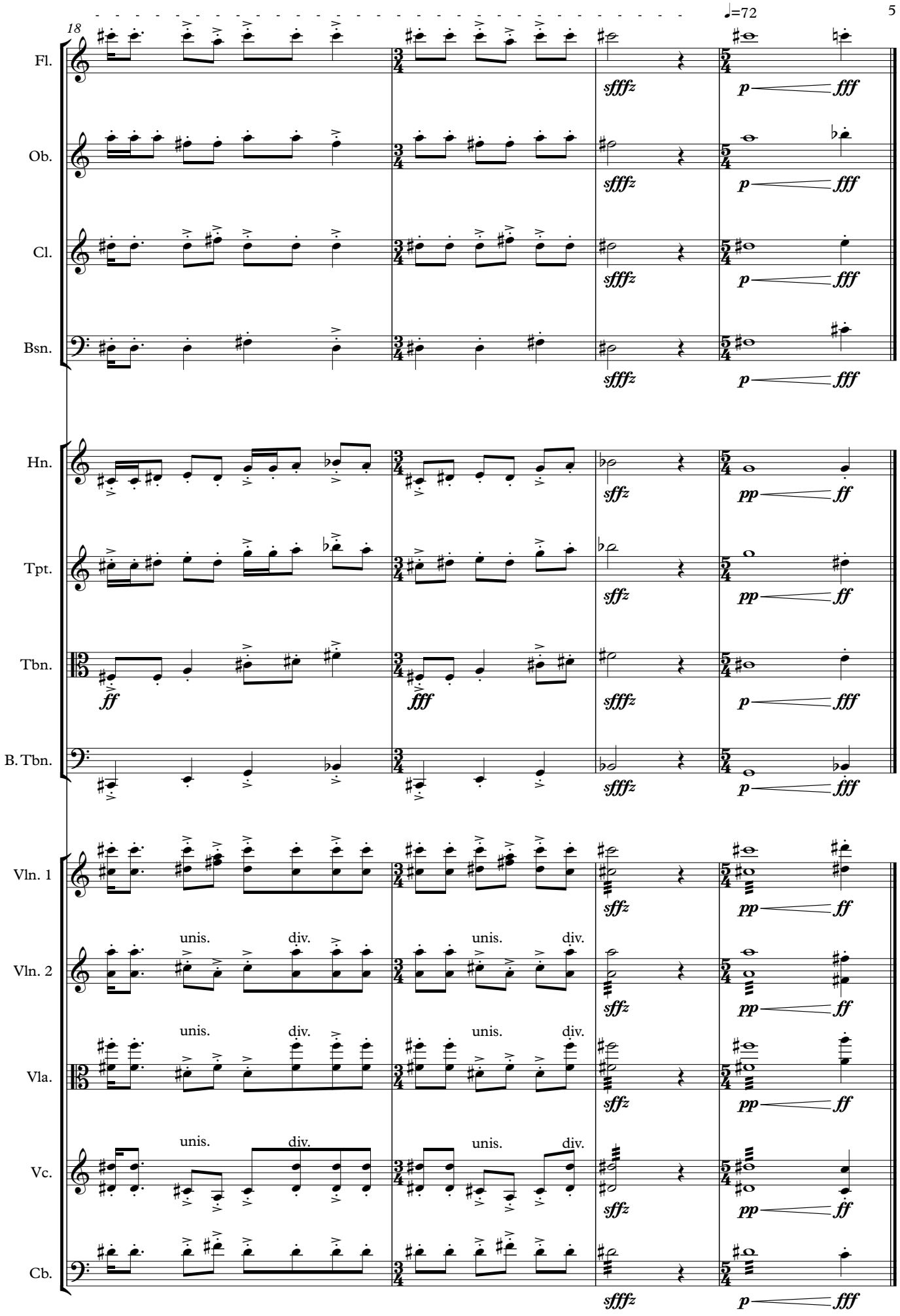
Michael McNeilis




6
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
B. Tbn.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
div. unis.
div. unis.
div. unis.
ff
f
mf
sfz


11
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
B. Tbn.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
div.
unis.
div.
unis.


15
rit.
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
B. Tbn.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
div.
unis.
div.


♩=72
18
Fl.
Ob.
Cl.
Bsn.
Hn.
Tpt.
Tbn.
B. Tbn.
Vln. 1
Vln. 2
Vla.
Vc.
Cb.
unis.
div.
sfffz
sffz
ff
fff
p
pp

Appendix G

In Three Elements

for mixed quartet

(2016)

Score in C

Michael McNeilis

In Three Elements

for mixed quartet

(2016)

ca. 4’10

Score in C

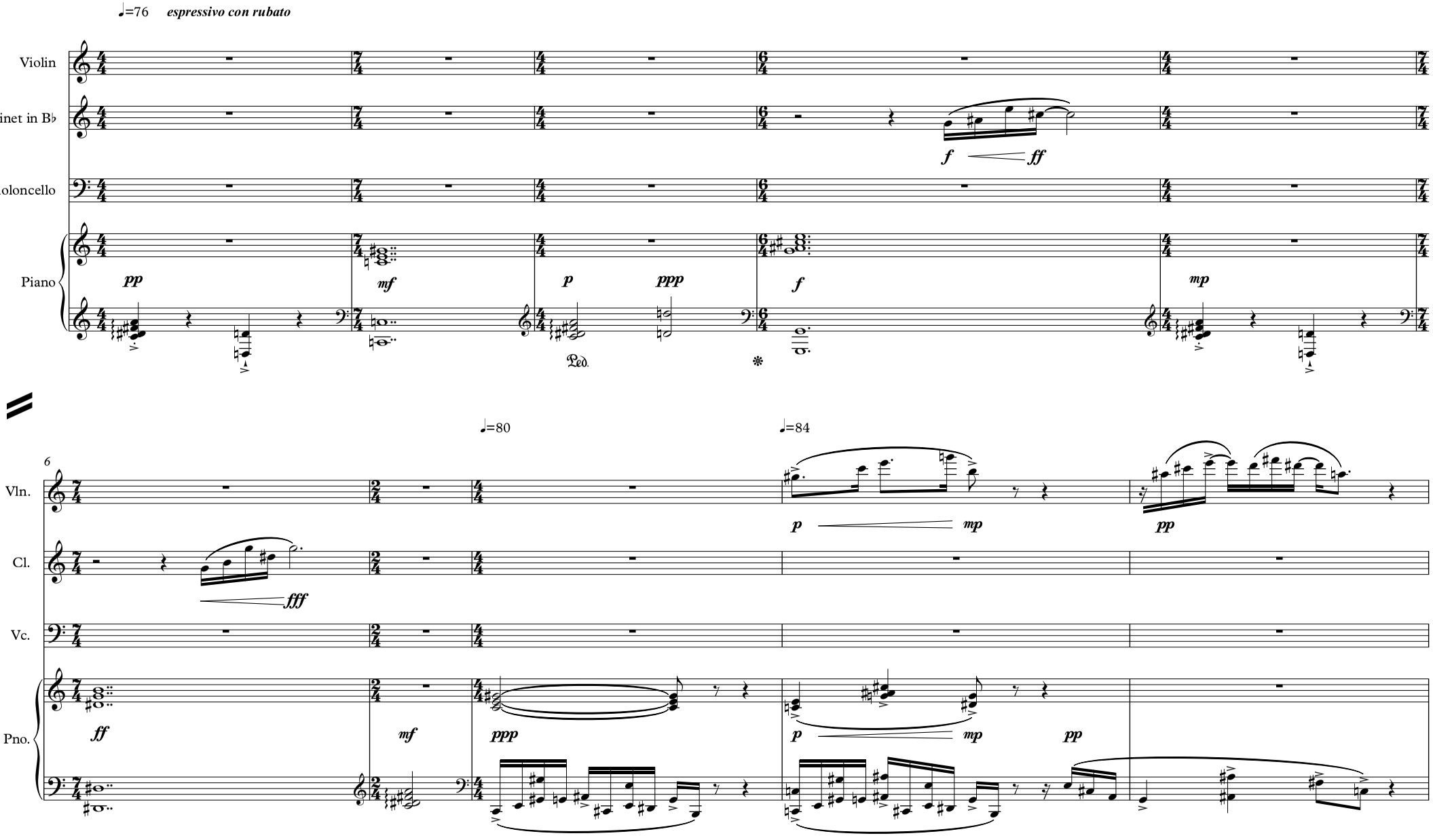
Instrumentation:

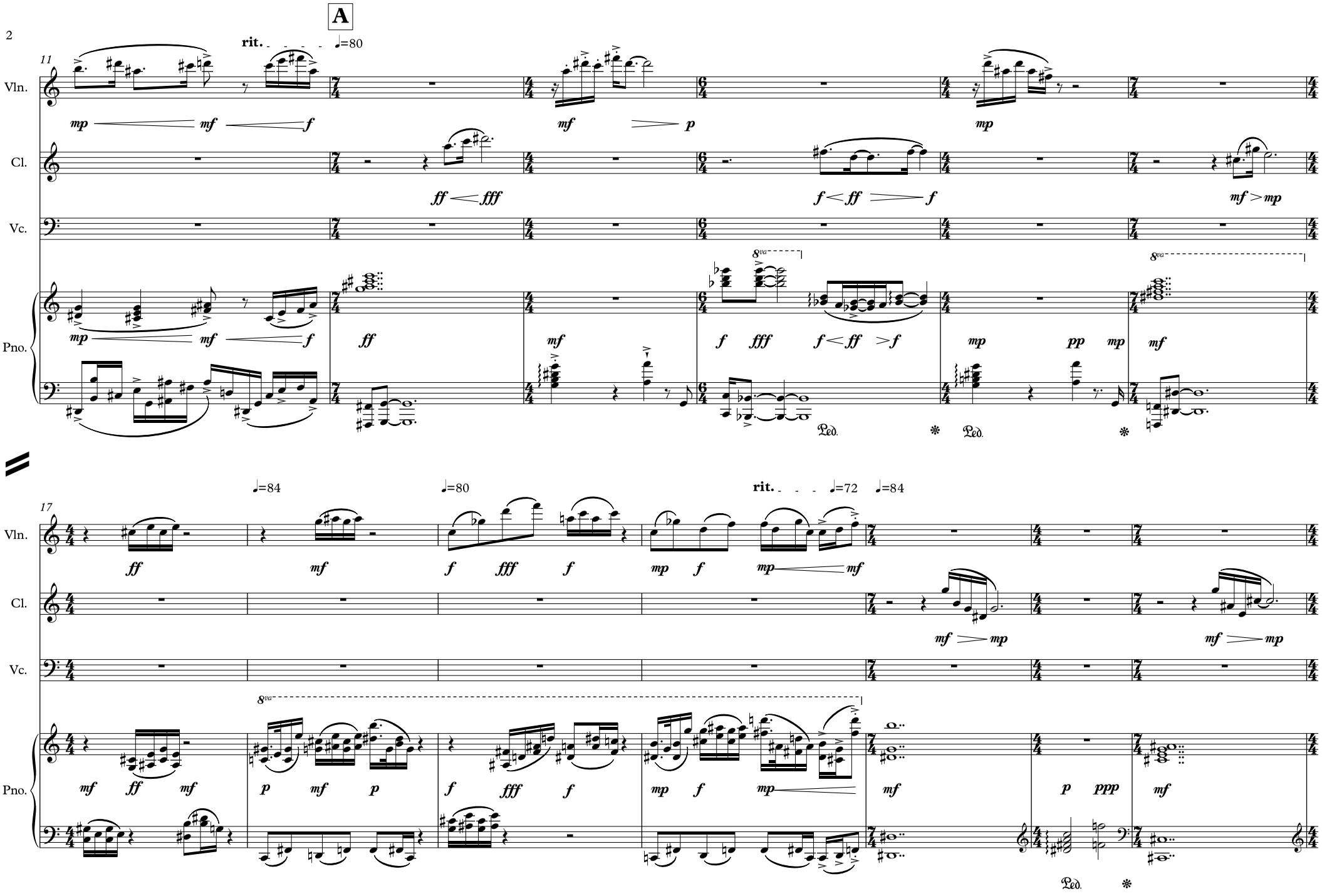
violin
clarinet in B♭
cello
piano

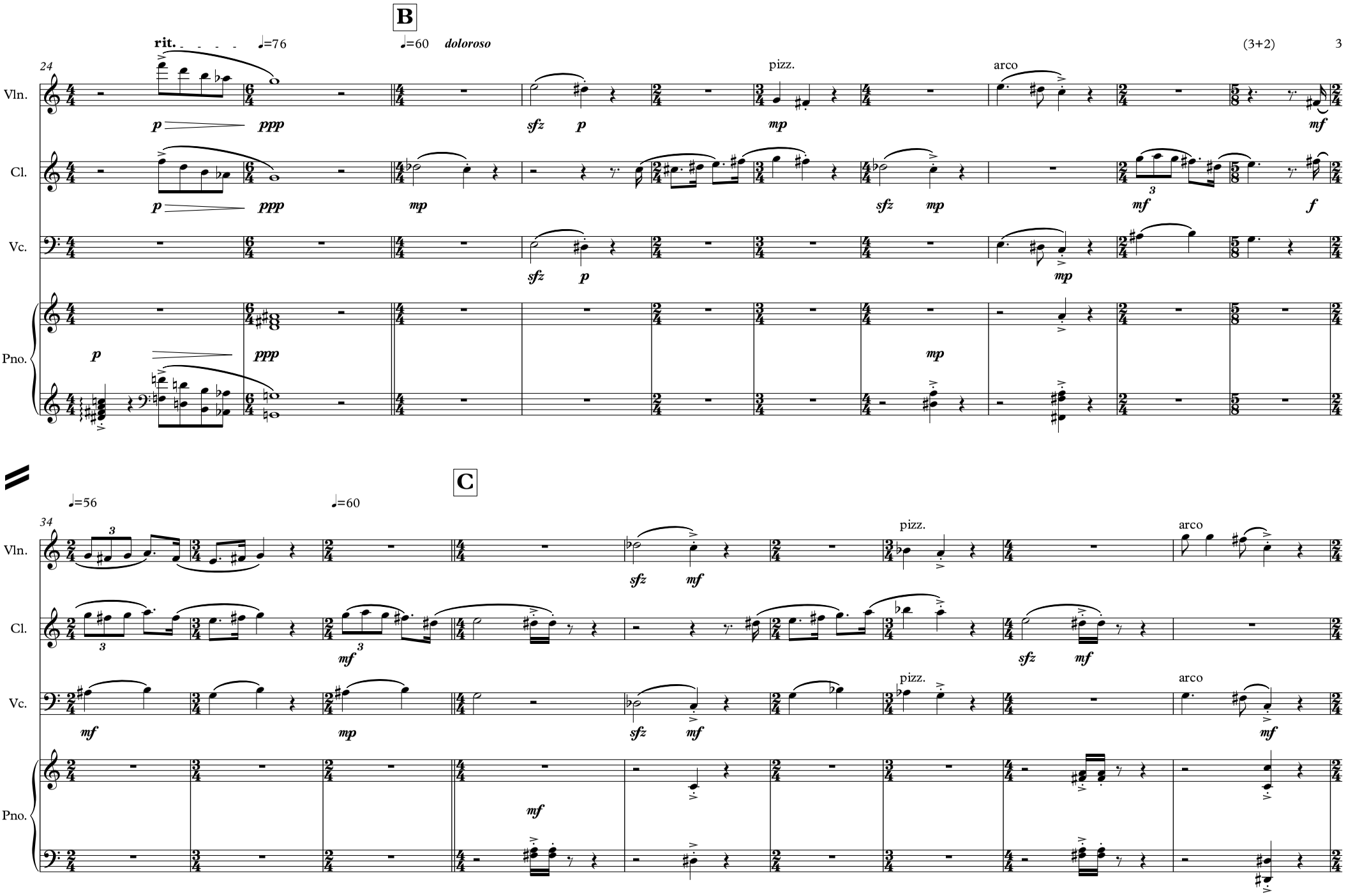
In Three Elements

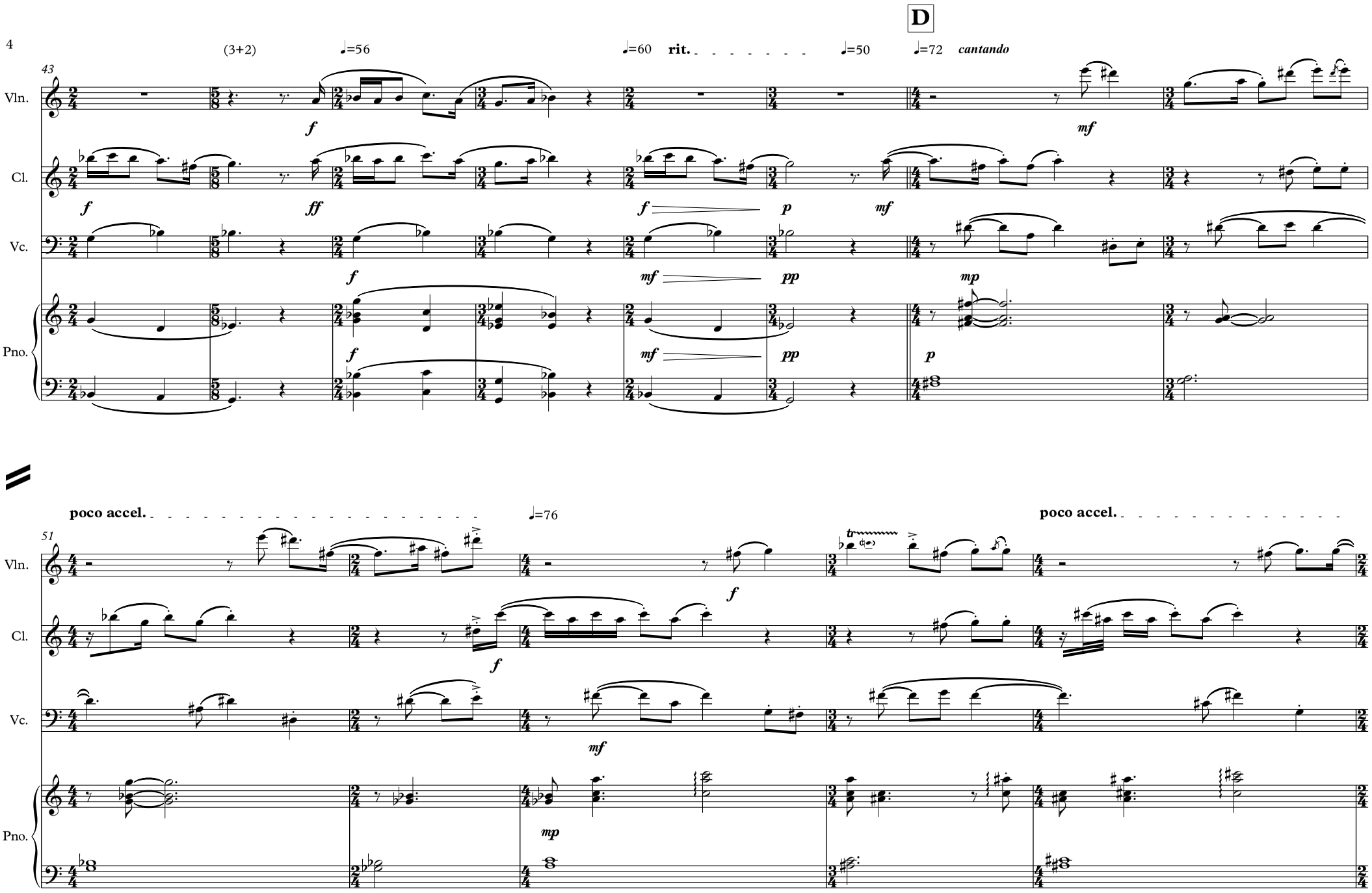
(for mixed quartet)

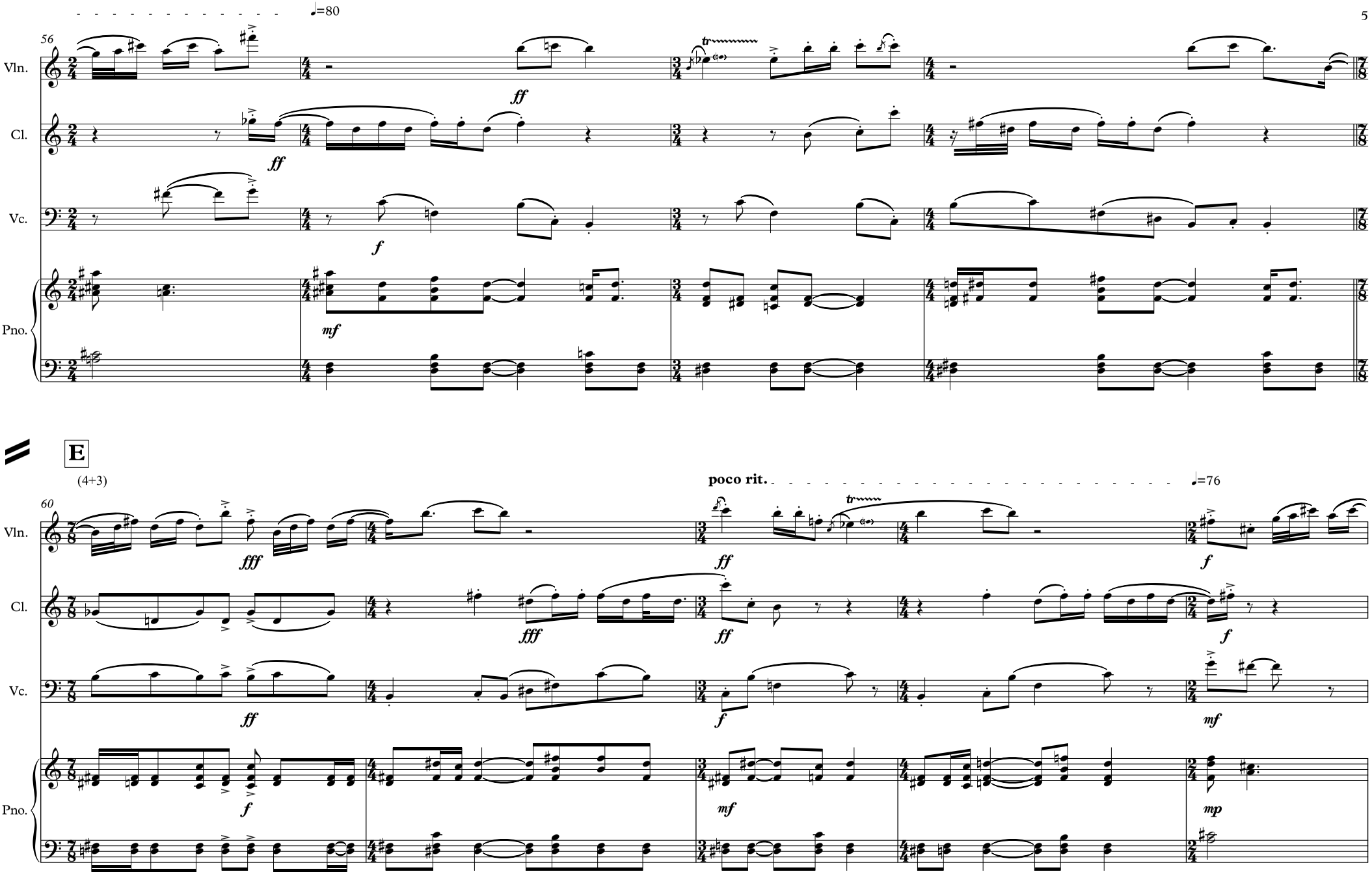
Michael McNeilis

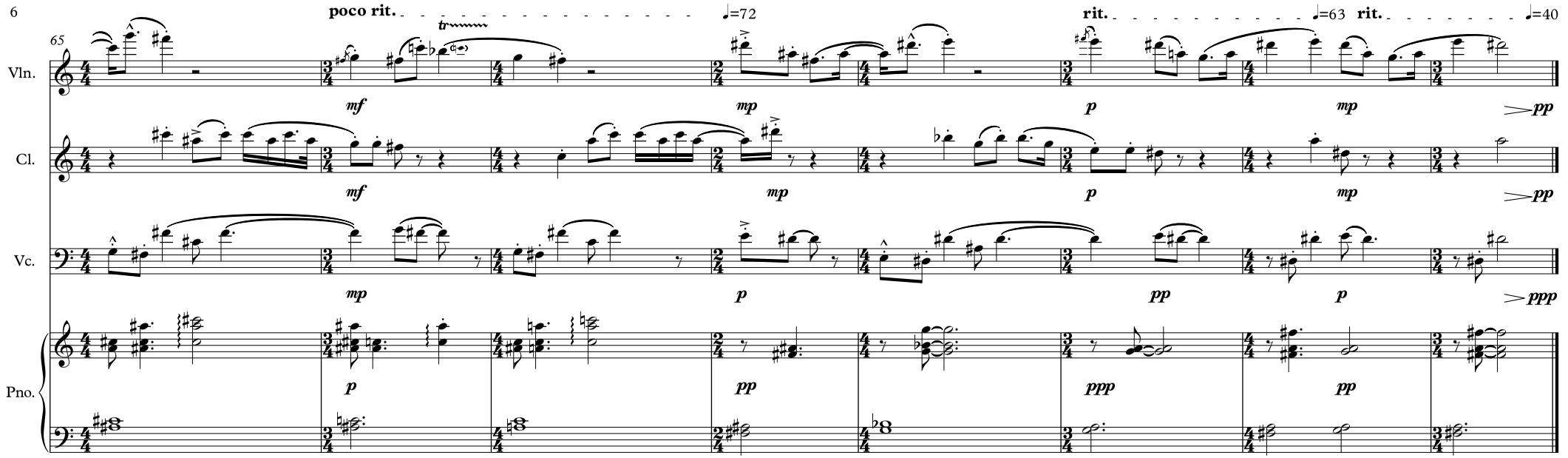



A
11
rit.
♩=80
Vln.
Cl.
Vc.
Pno.
mp mf f
mf p
mp
ff fff
f ff f
mf mp
ff
mf
f fff f ff f
mp pp mp
mf
8va
Ped.
17
♩=84
♩=80
rit.
♩=72
♩=84
ff
mf
f fff f
mp f
mp mf
mf mp
p mf p
ppp


B
rit.
♩=76
♩=60 doloroso
(3+2)
24
Vln.
Cl.
Vc.
Pno.
pizz.
arco
C
♩=56
♩=60
34


D
43
(3+2)
♩=56
♩=60
rit.
♩=50
♩=72
cantando
Vln.
Cl.
Vc.
Pno.
51
poco accel.
♩=76
poco accel.


56
♩=80
Vln.
Cl.
Vc.
Pno.
ff
ff
f
mf
E
(4+3)
60
poco rit.
♩=76
fff
ff
f
mf
mp


poco rit.
♩=72
rit.
♩=63
rit.
♩=40
65
Vln.
Cl.
Vc.
Pno.
mf
mp
p
mp
pp
mf
mp
p
mp
pp
mp
p
pp
p
ppp
p
pp
pp
ppp
pp