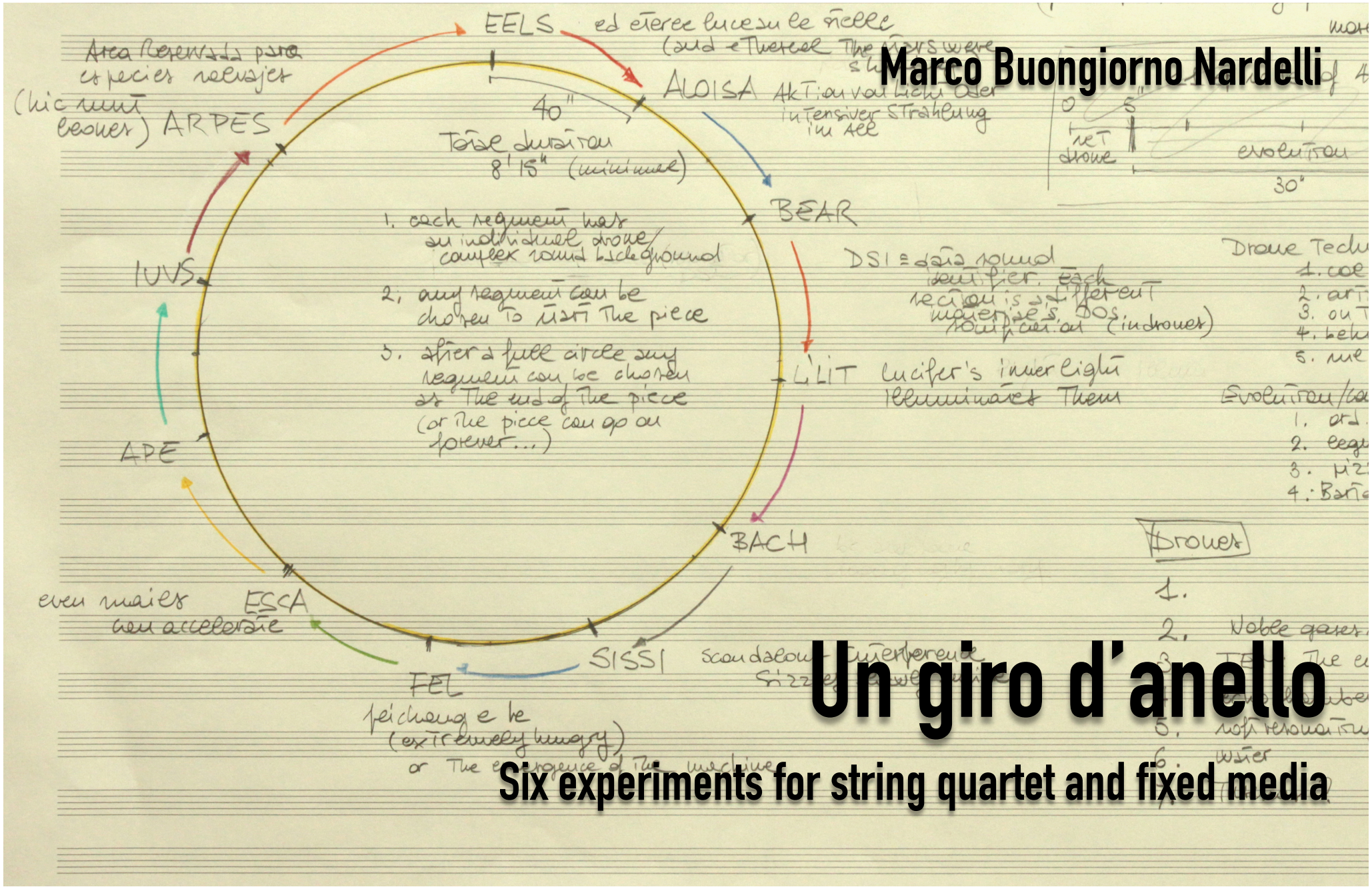

Marco Buongiorno Nardelli

Un giro d'anello

Six experiments for string quartet and fixed media

To Loredana, Andrea, Giovanni, Paola and
Gina, Kathrine, Adria, Javiera, Ken, Peter, Heather, Anna, Ainissa and Patrice

Un giro d'anello (*around the ring*)

six experiments for string quartet and fixed media

1. Even snails can accelerate (2'50")
2. 非常饿了 (feichang e le), "very hungry" or *the emergence of the machine* (1')
3. Scandalous interference sizzle slowly inside or *the dialogue of Knowledge and the Unknown* (4')
4. Area reservada para especies salvajes (4'25")
5. Lucifer inner light illuminates them (4')
6. Aktion von licht oder intensiver strahlung im all (3')

Initiated at the Djerassi Resident Artist Program in 2017 as a tribute to the Italian synchrotron radiation facility ELETTRA, "Un giro d'anello" epitomizes my esthetics of post-sonification as artistic practice in musical composition. Its fixed media component is based on the sonification of scientific data both in the sound synthesis and in its temporal evolution, while the strings depart from the sonification canon still maintaining a unifying connection and theme.

Performance notes

The string quartet should be arranged as: violin I, violin II, cello, viola. If needed, performers can use individual click tracks to synchronize with the fixed media.

Score

experiment #1

Even snails can accelerate

Marco Buongiorno Nardelli

♩ = 60

col legno tratto

Violin I

col legno tratto

Violin II

col legno tratto

Viola

col legno tratto

Cello

start fixed media on beat 1.0

5

9

12

13

17

21

Vln. I

Vln. II

Vla.

Vc.

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22 25 29

Vln. I

Vln. II

Vla.

Vc.

col legno battuto

col legno battuto

col legno battuto

col legno battuto

30 33

ord. clb. ord. clb. ord.

ord. clb.

ord. clb. ord.

clb. ord. clb. ord.

35

Vln. I

clb. ord. clb.

Vln. II

ord. clb. arbitrary notes, bridge and tailpiece always accelerating

Vla.

ord. clb. ord. clb. arbitrary notes, bridge and tailpiece always accelerating

Vc.

clb. ord. clb. arbitrary notes, bridge and tailpiece always accelerating

37

arbitrary notes, bridge and tailpiece always accelerating

38

experiment #2

非常 饿 了, "very hungry" or *the emergence of the machine*

♩ = 112

Violin I

Violin II

Viola

Cello

fff

start fixed media on beat 1.0

9

Vln. I

Vln. II

Vla.

Vc.

15

Vln. I

Vln. II

Vla.

Vc.

21

Vln. I

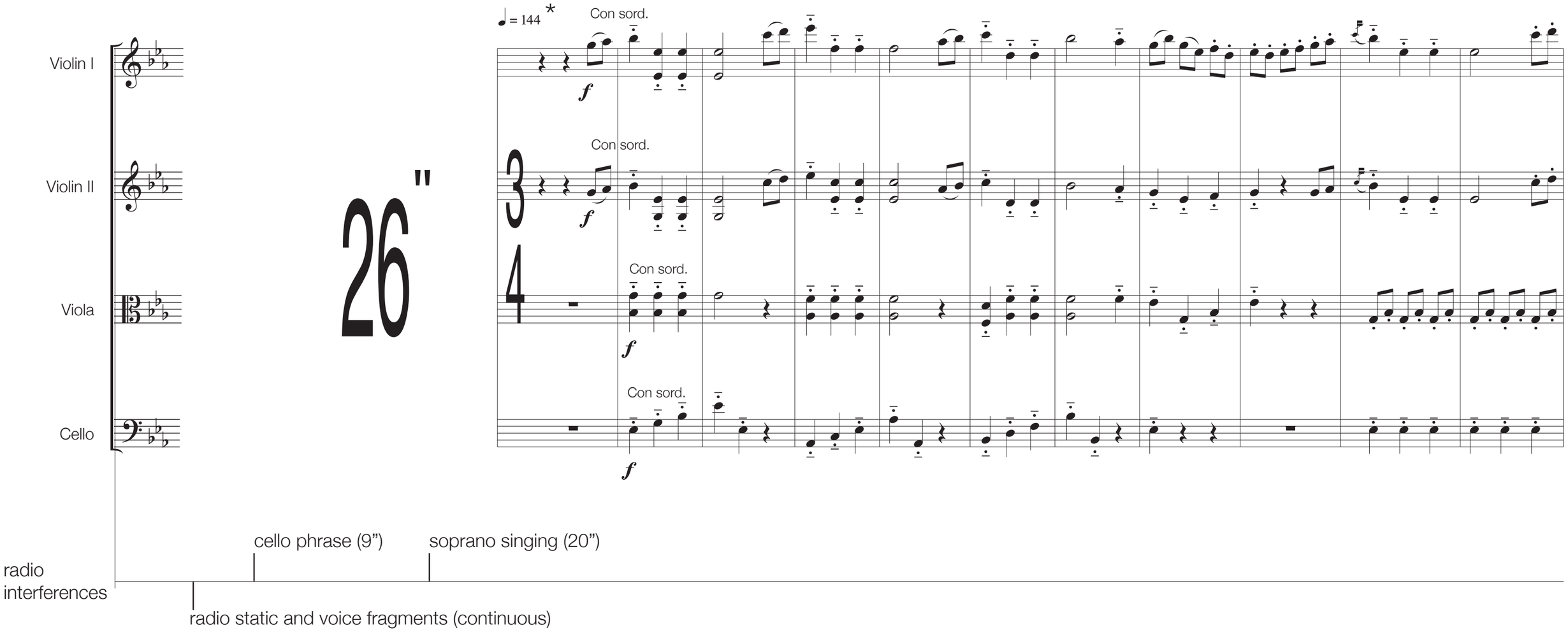
Vln. II

Vla.

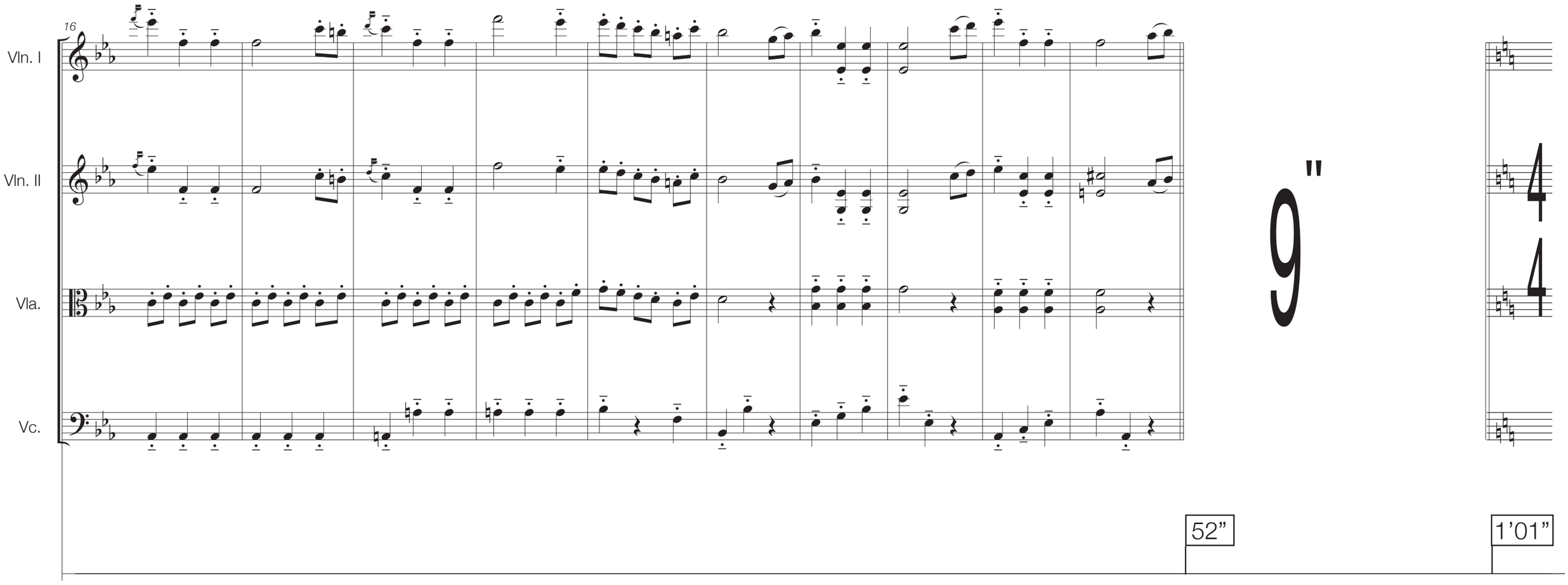
Vc.

experiment #3

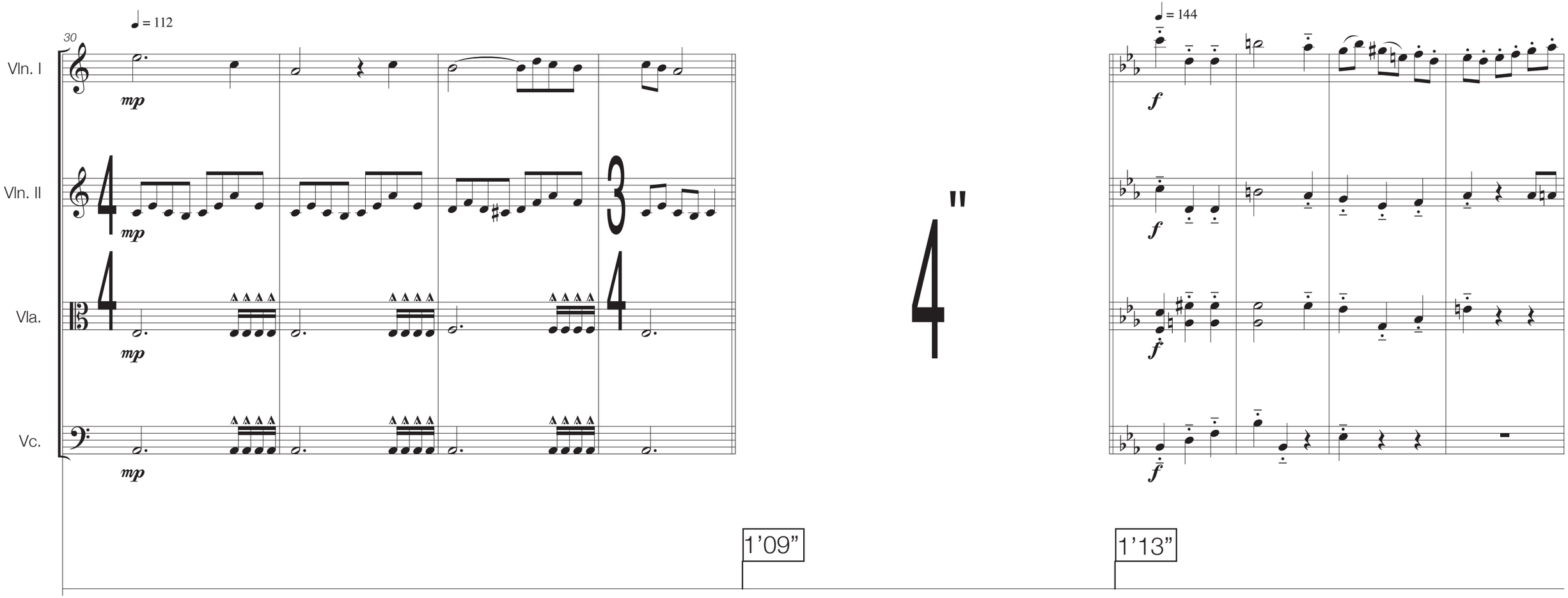
scandalous interference sizzle slowly inside or the dialogue of knowledge and the unknown



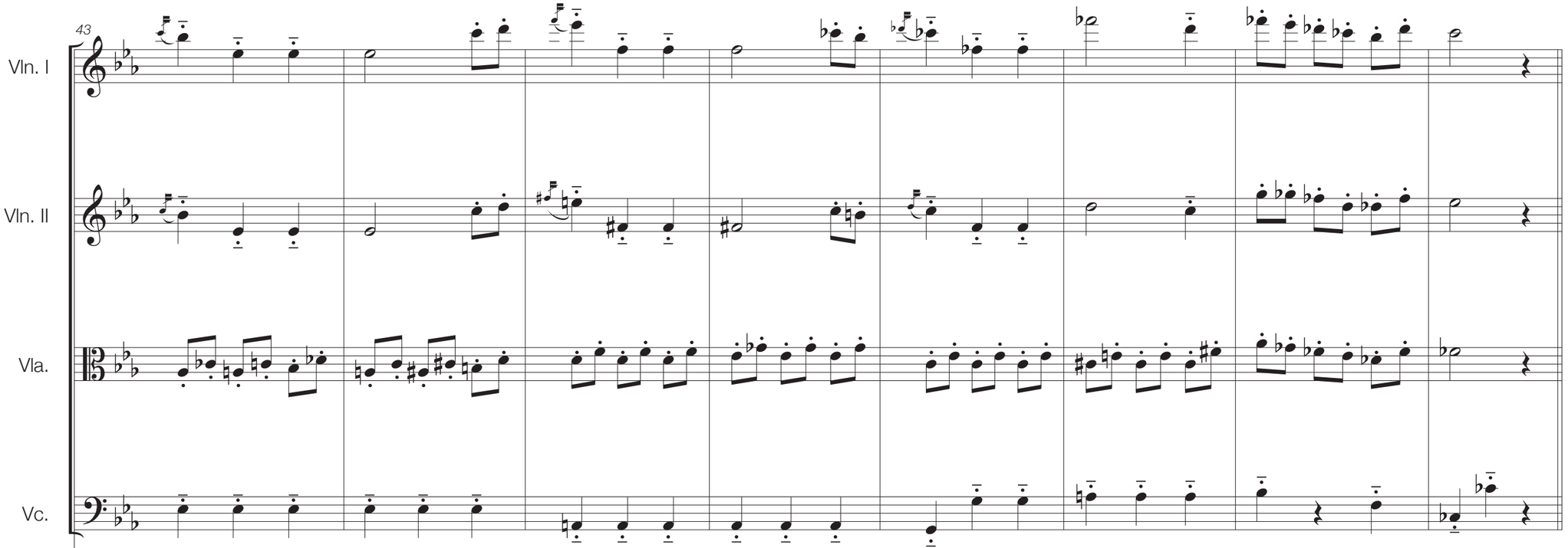
* Menuet from F. Schubert's Quartet n. 8 and n. 13, with licence.



radio static and voice fragments (continuous)



radio static and voice fragments (continuous)

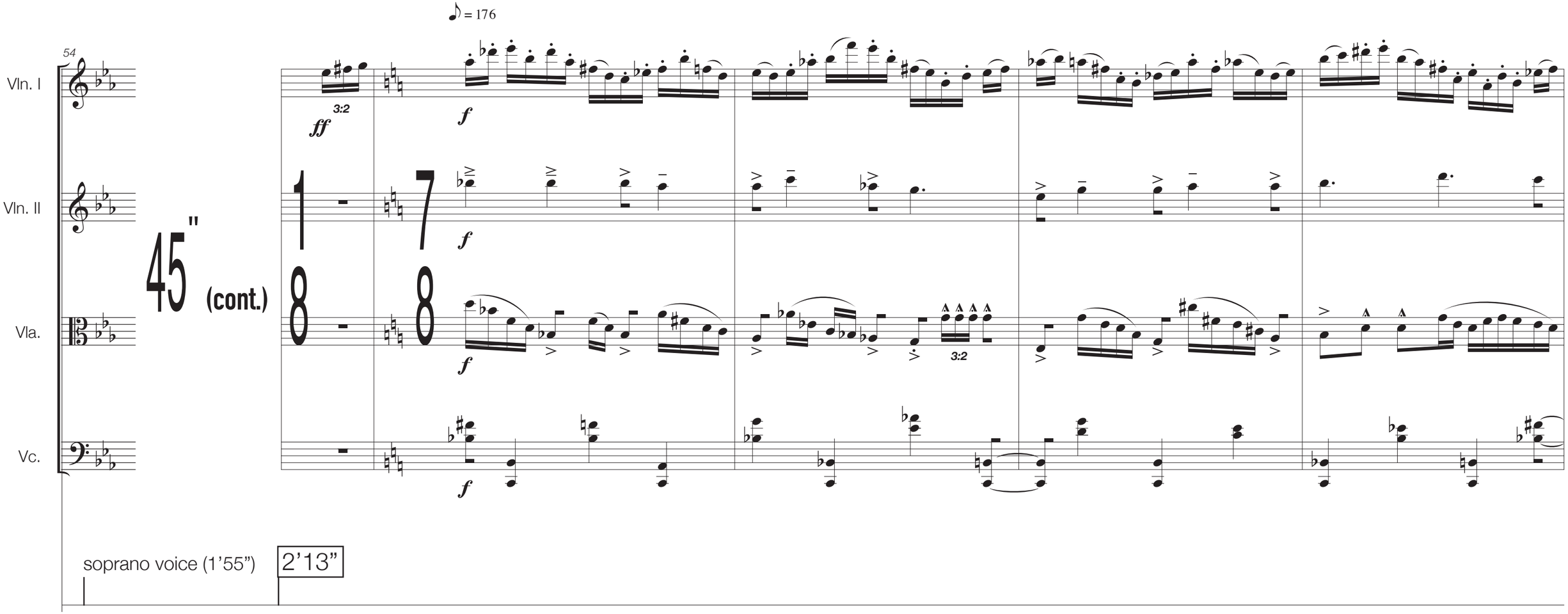


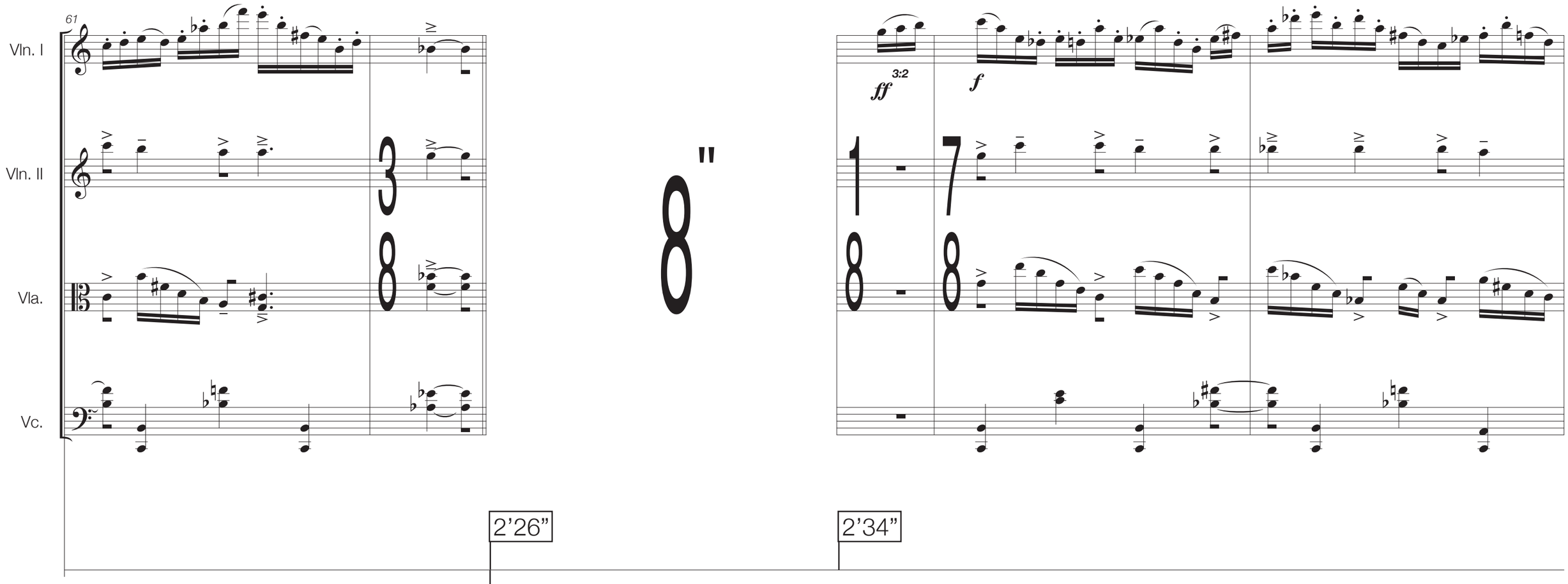
45"

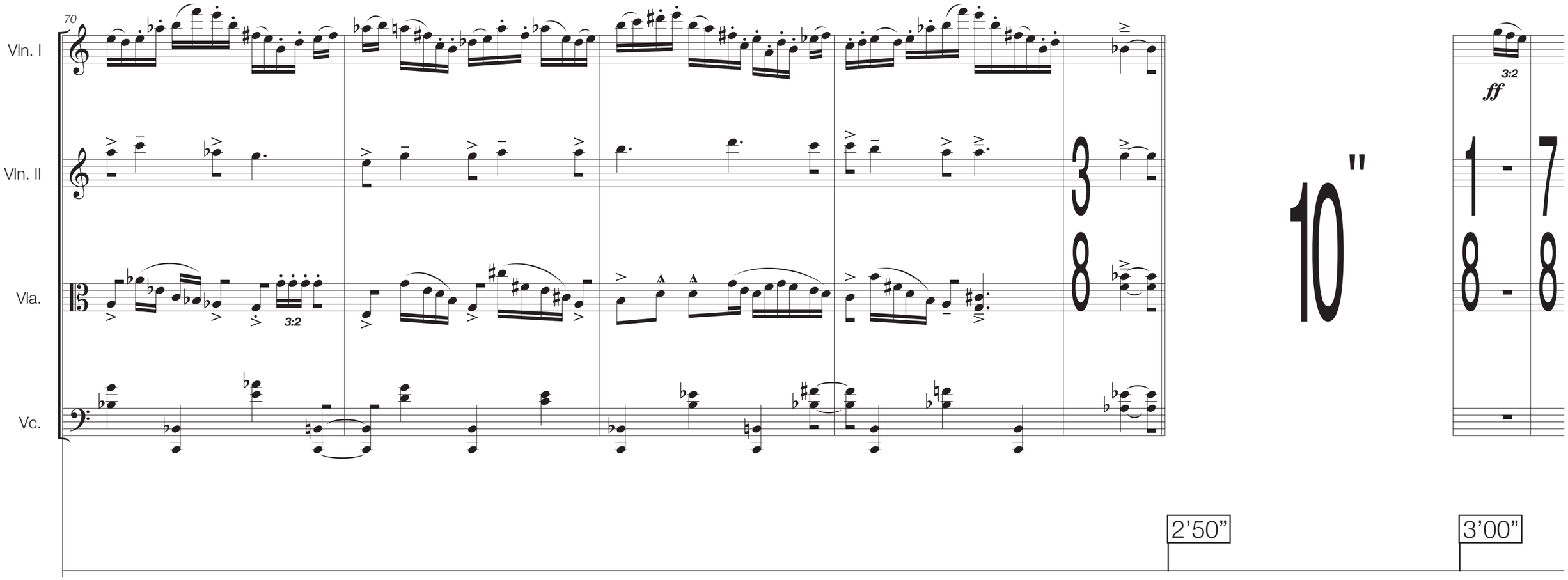
1'28" JFK (1'33")

radio static and voice fragments (continuous)

Wurlitzer organ
(1'29")


54
♪ = 176
Vln. I
Vln. II
Vla.
Vc.
45"
(cont.)
ff
3:2
f
3:2
soprano voice (1’55”)
2’13”
radio static and voice fragments (continuous)


61
Vln. I
Vln. II
Vla.
Vc.
8"
ff
3:2
f
2’26”
2’34”
radio static and voice fragments (continuous)
Ada Yonath



radio static and voice fragments (continuous)

80

Vln. I

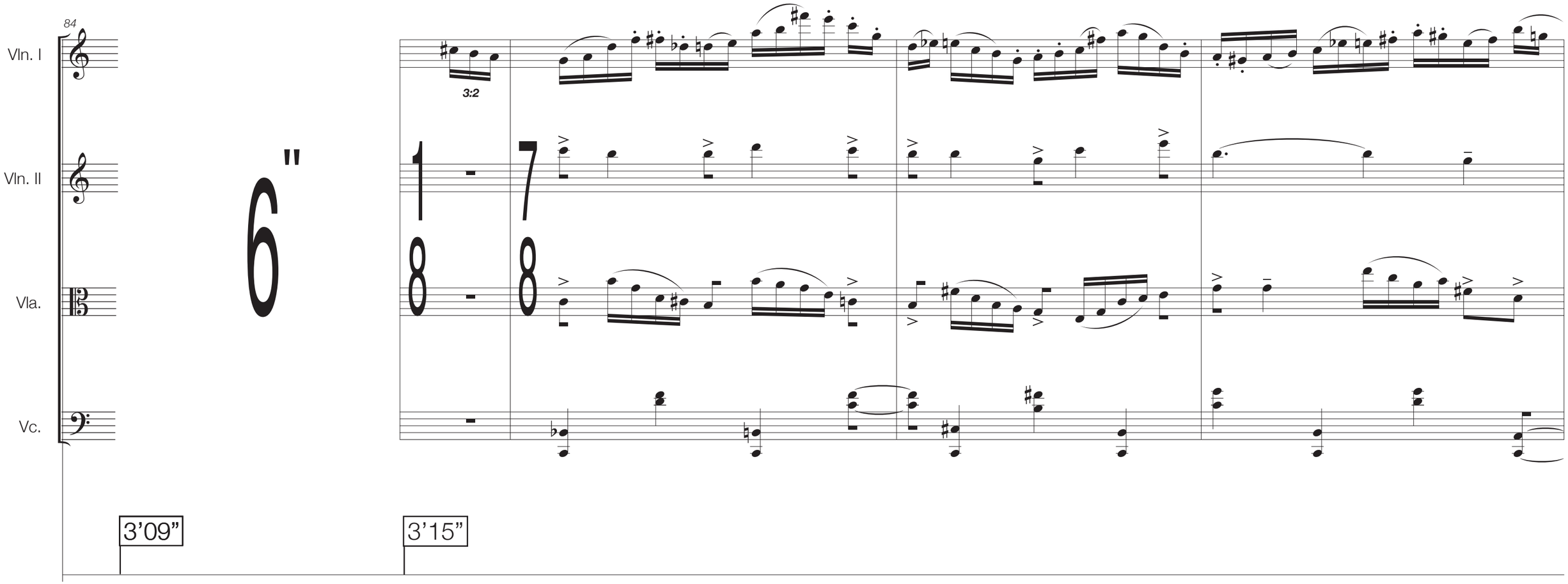
Vln. II

Vla.

Vc.

f

radio static and voice fragments (continuous)



radio static and voice fragments (continuous)

91

Vln. I

Vln. II

Vla.

Vc.

ff 3:2

f

ff 3:2

f

3:2

radio static and voice fragments (continuous)

97

Vln. I

Vln. II

Vla.

Vc.

ff 3:2

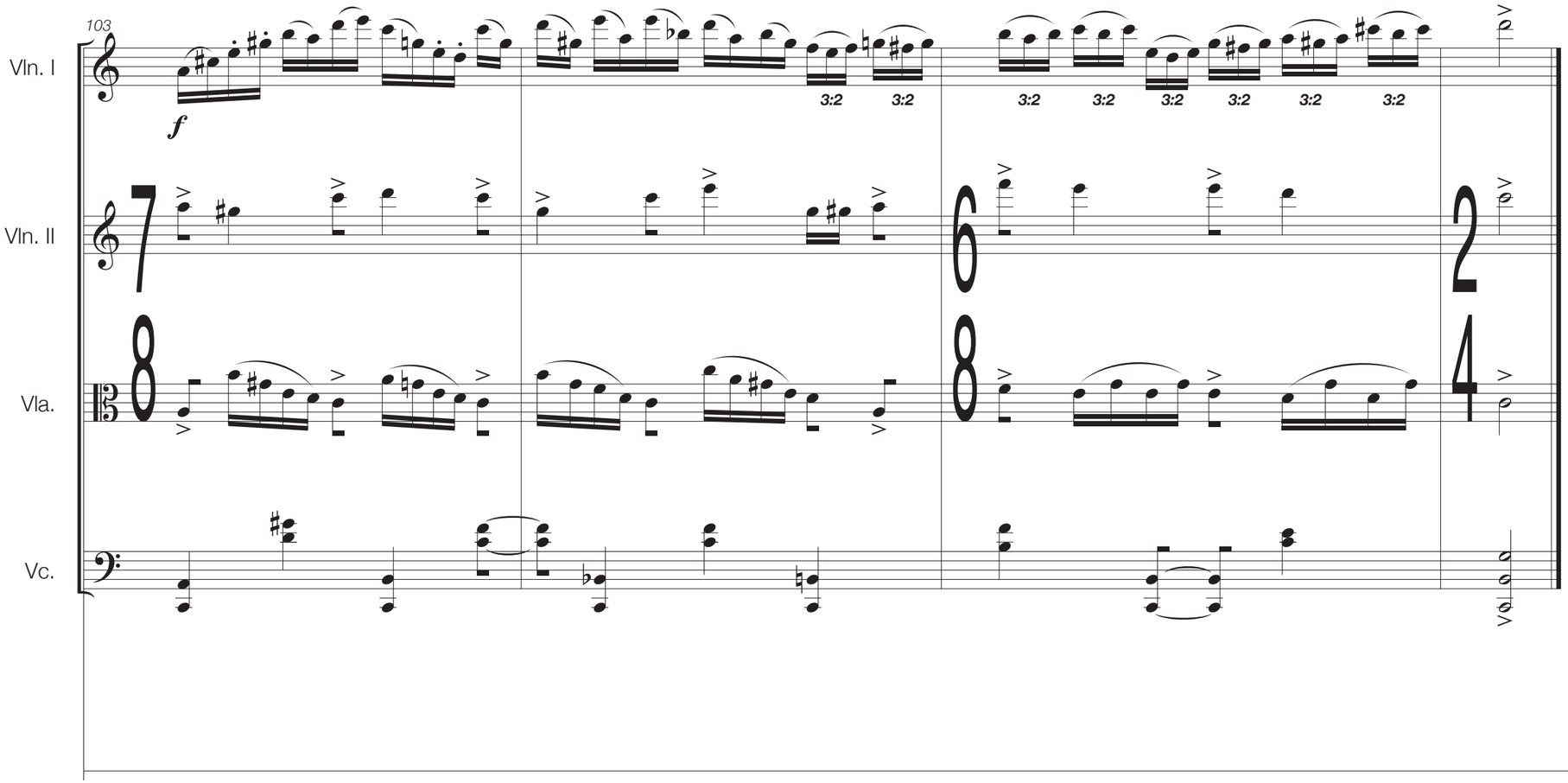
f

ff 3:2

3:2

3:2

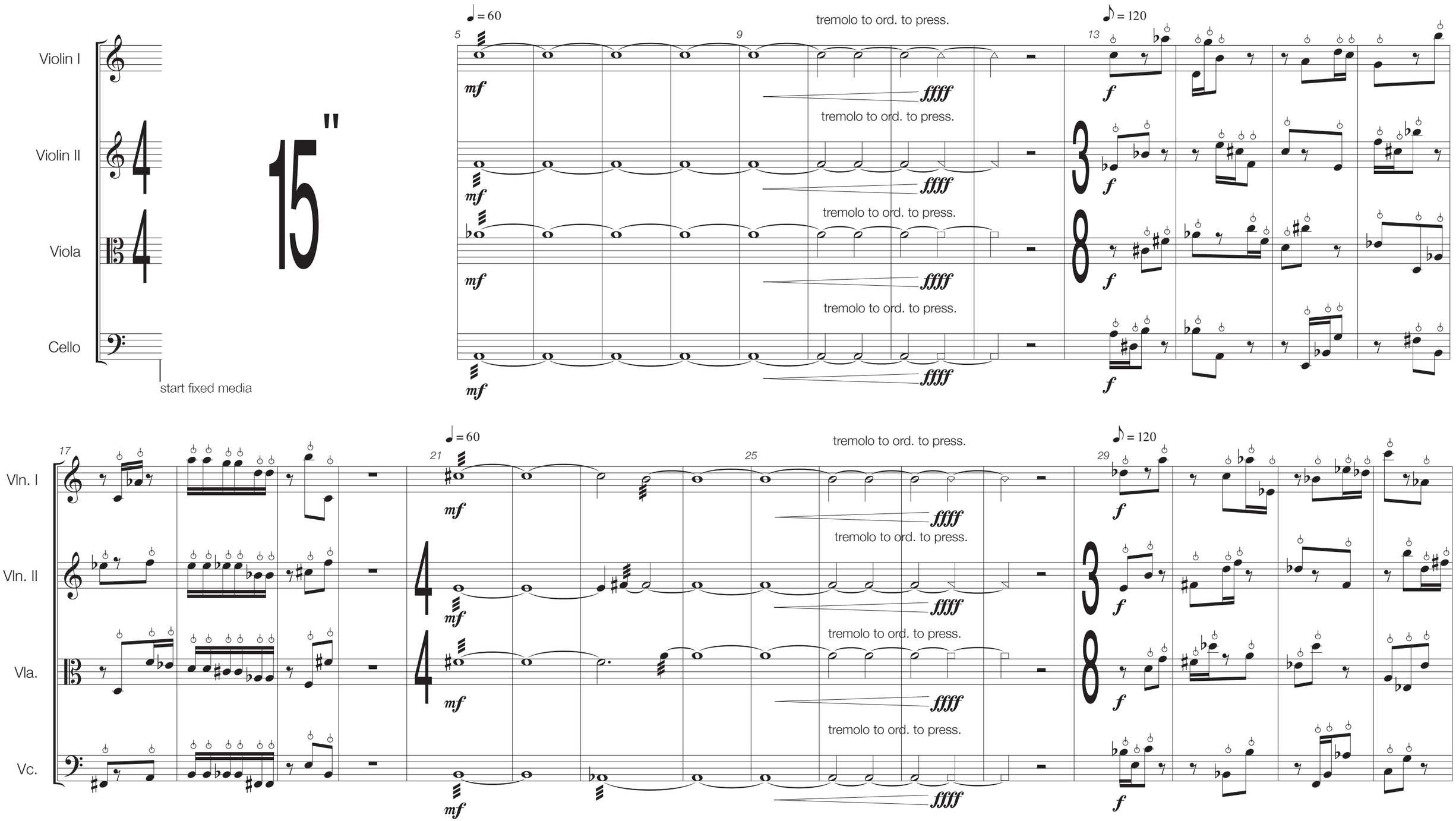
radio static and voice fragments (continuous)



radio static and voice fragments (continuous)

experiment #4

Area reservada para especies salvajes



33 37 41 45

Vln. I

Vln. II

Vla.

Vc.

♩ = 60

♪ = 120

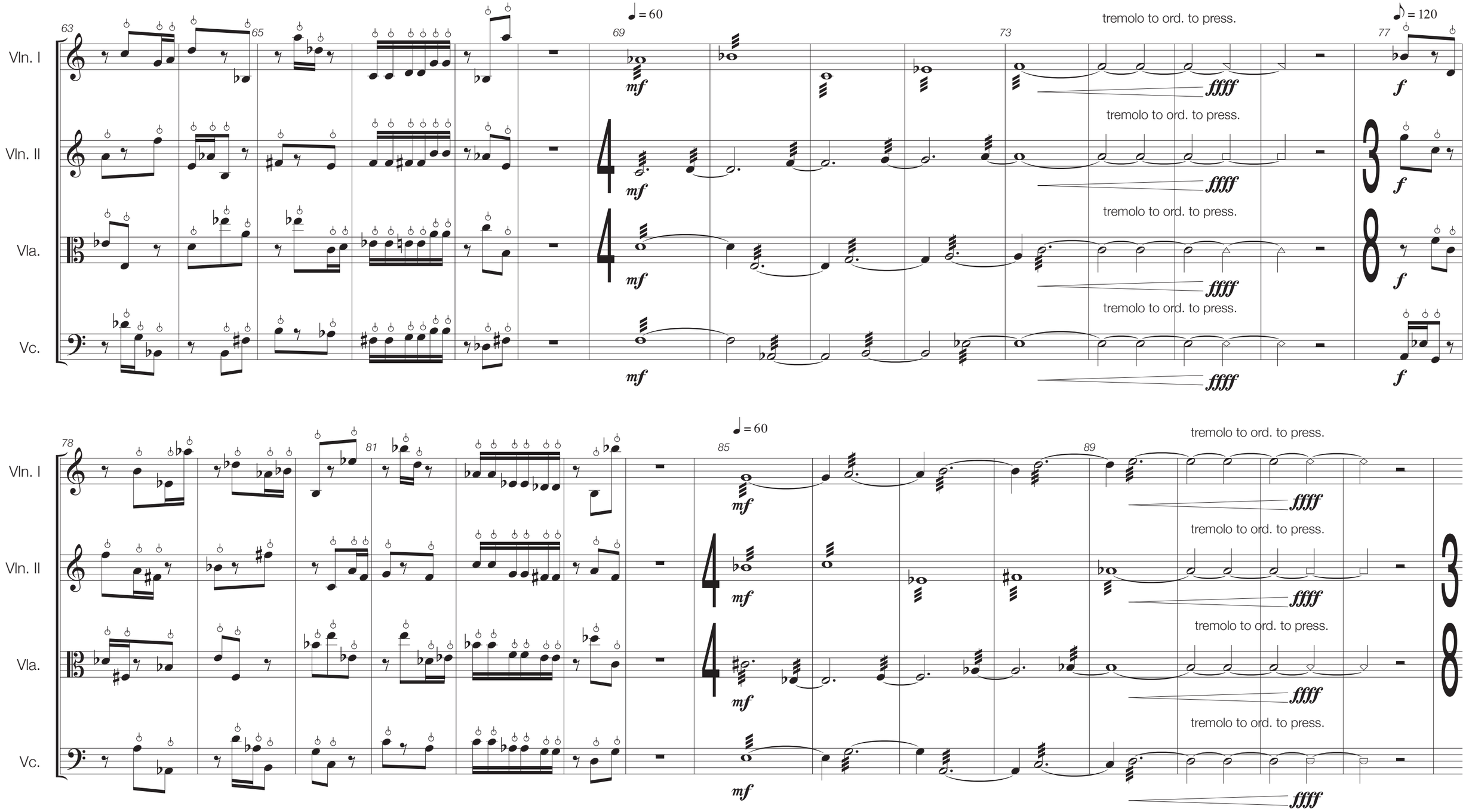
mf

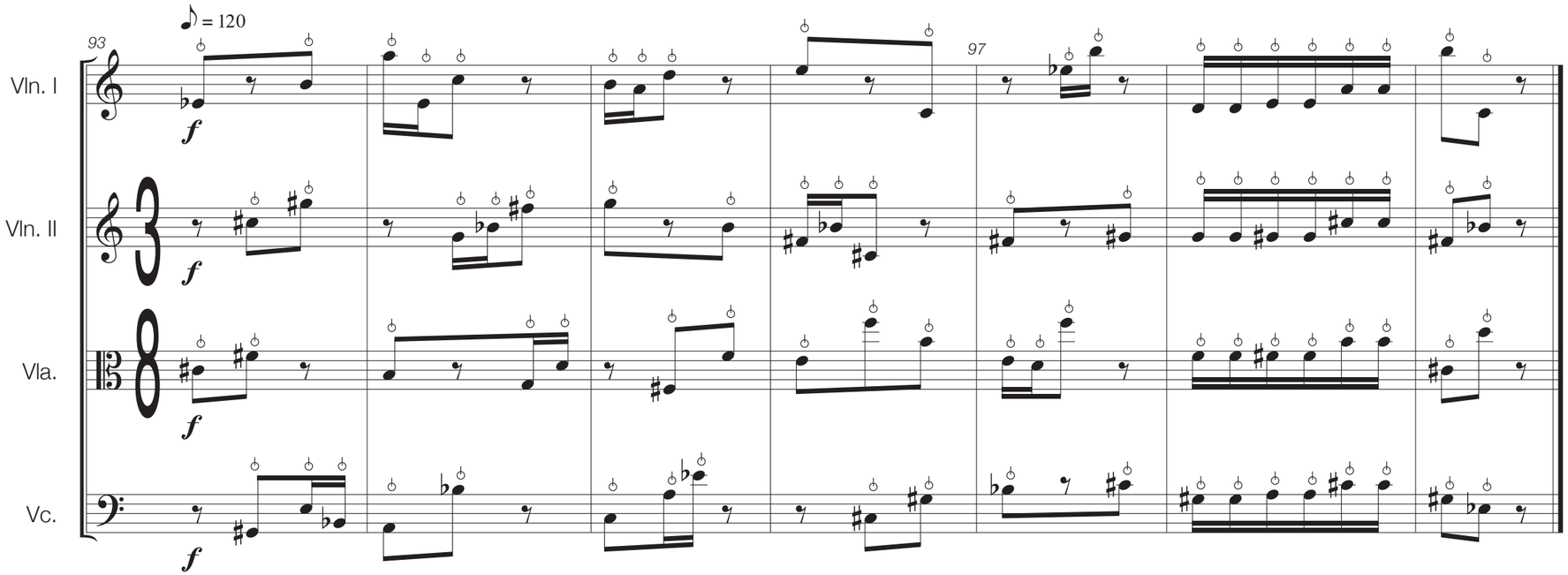
ffff

f

tremolo to ord. to press.

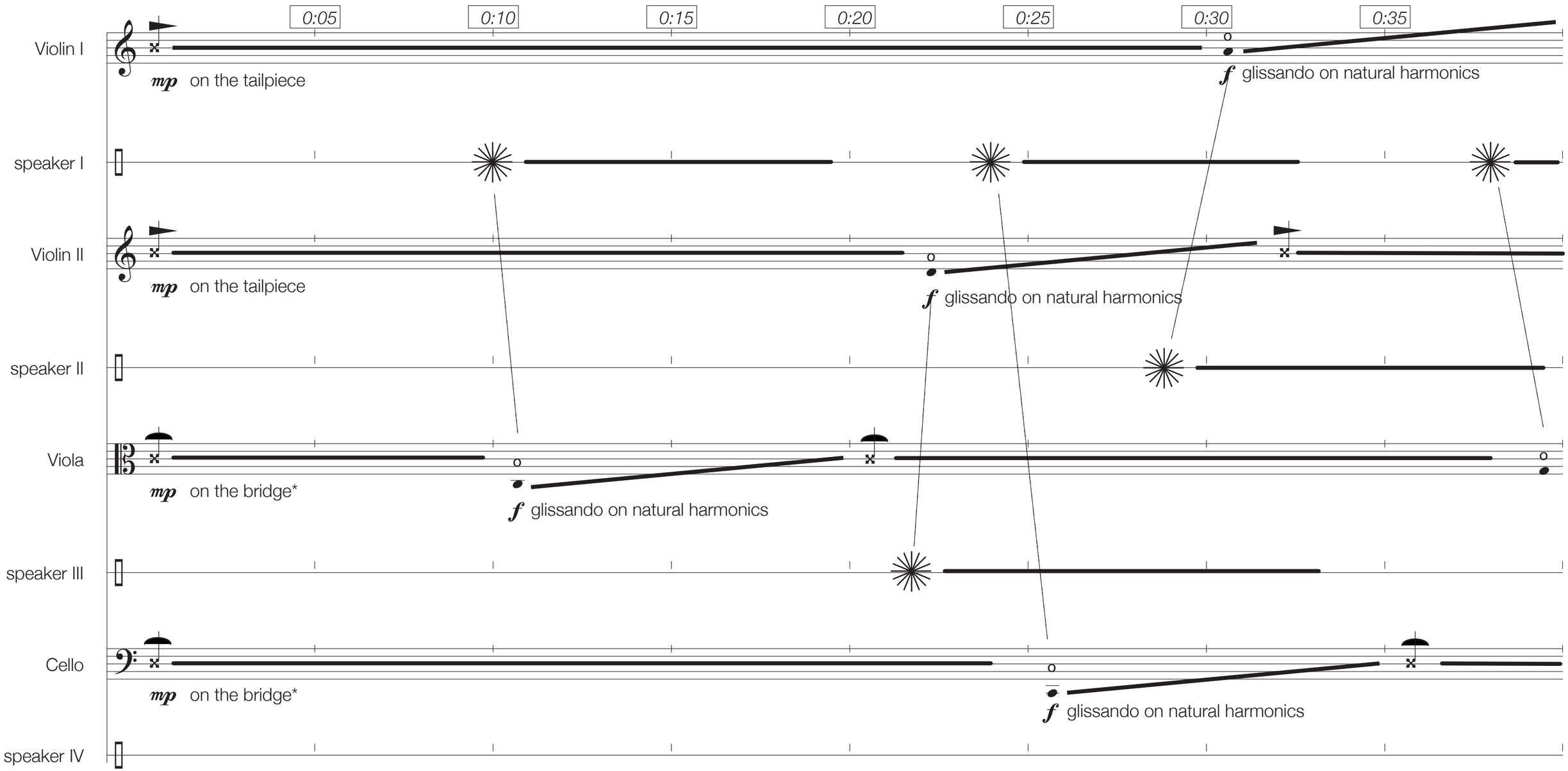
48 49 53 57 61


Vln. I
Vln. II
Vla.
Vc.
63
65
69
73
77
78
81
85
89
♩ = 60
♪ = 120
tremolo to ord. to press.
mf
ffff
f

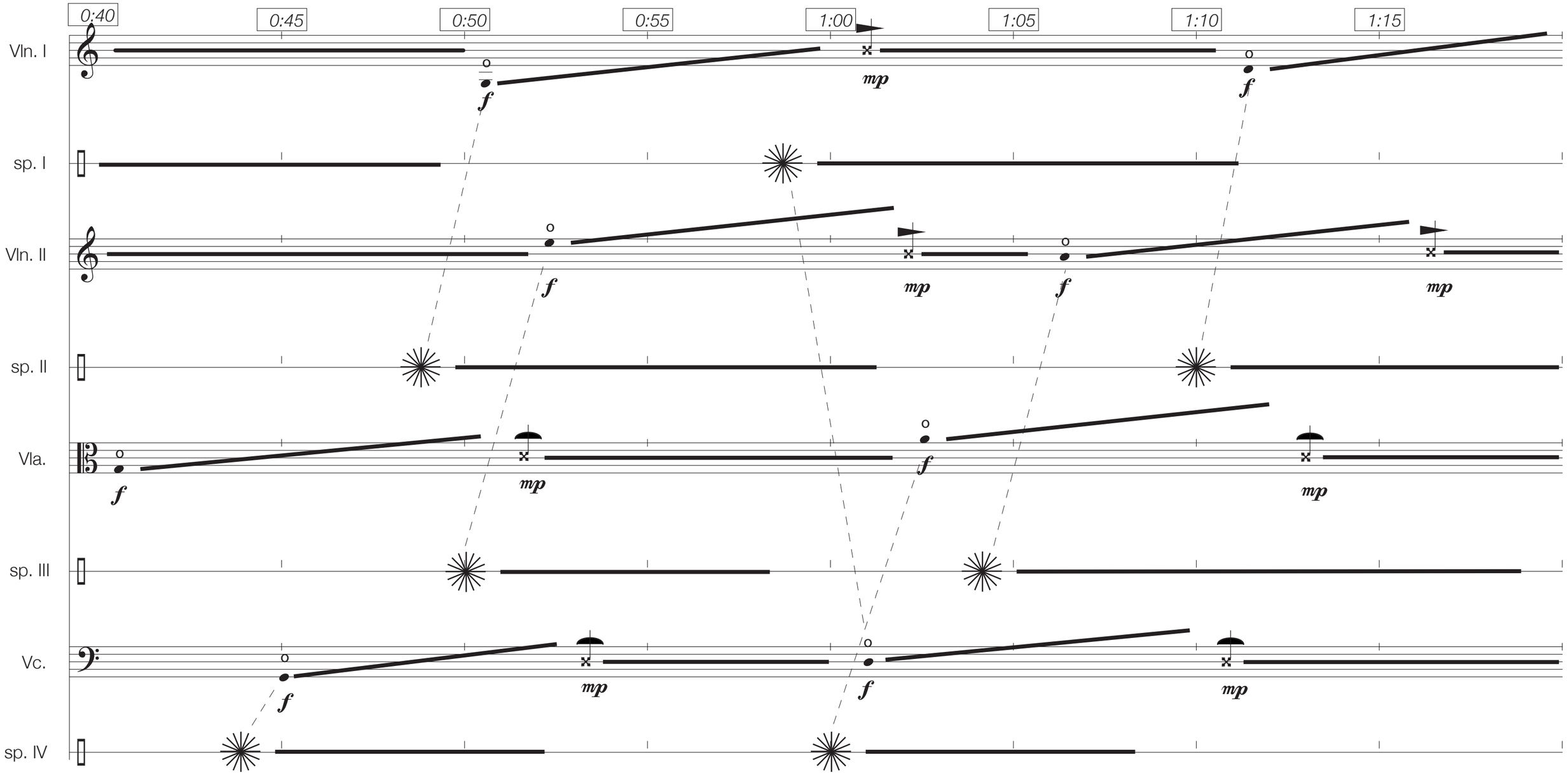

♪ = 120
93
97
Vln. I
Vln. II
Vla.
Vc.
f

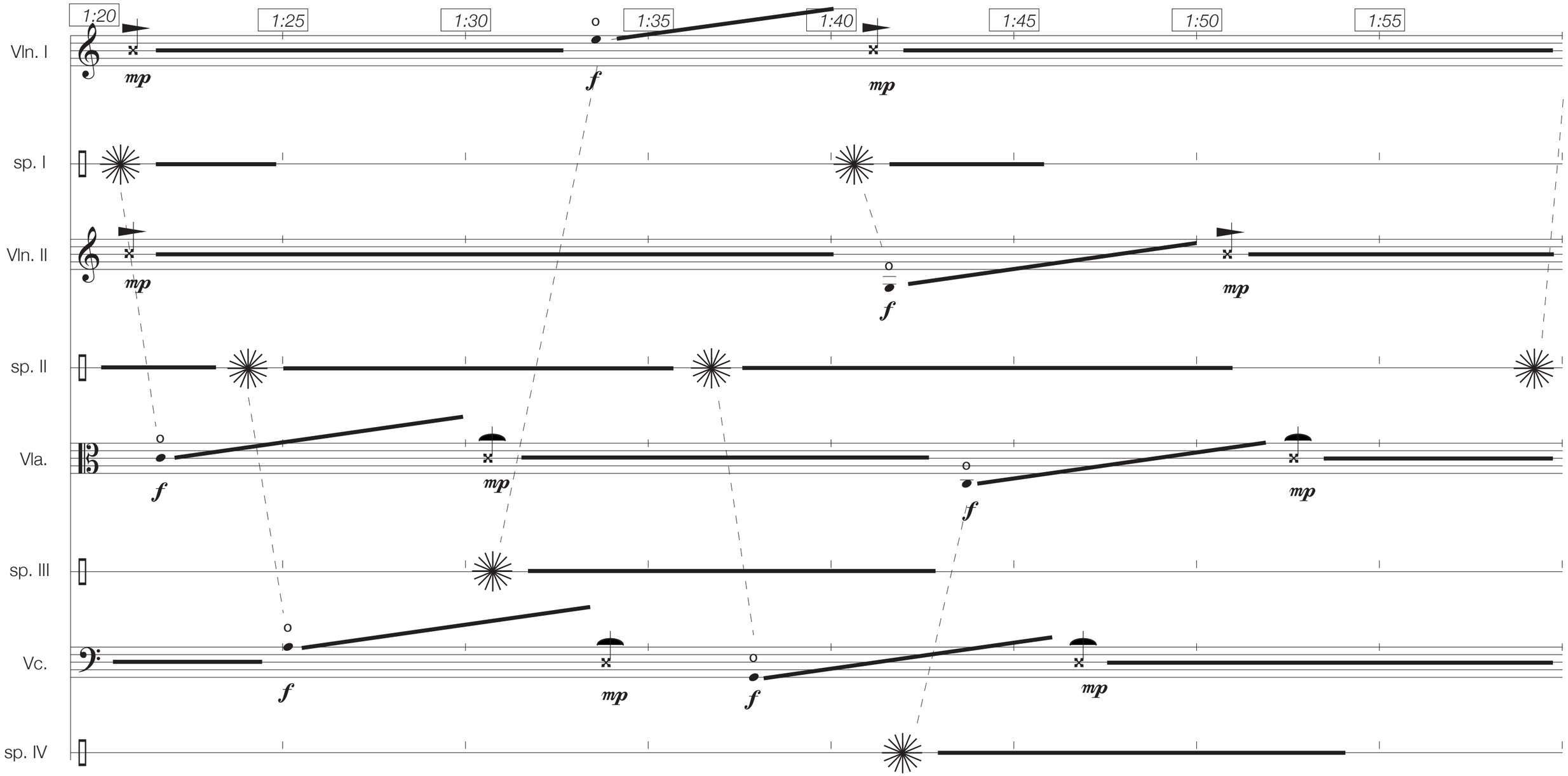
experiment #5

Lucifer's inner light illuminates them



* actually playing “on” the bridge (not close to it as in “sul ponticello”)


0:40
0:45
0:50
0:55
1:00
1:05
1:10
1:15
Vln. I
sp. I
Vln. II
sp. II
Vla.
sp. III
Vc.
sp. IV
f
mp


1:20
1:25
1:30
1:35
1:40
1:45
1:50
1:55
Vln. I
sp. I
Vln. II
sp. II
Vla.
sp. III
Vc.
sp. IV
mp
f

2:00 2:05 2:10 2:15 2:20 2:25 2:30 2:35

Vln. I

sp. I

Vln. II

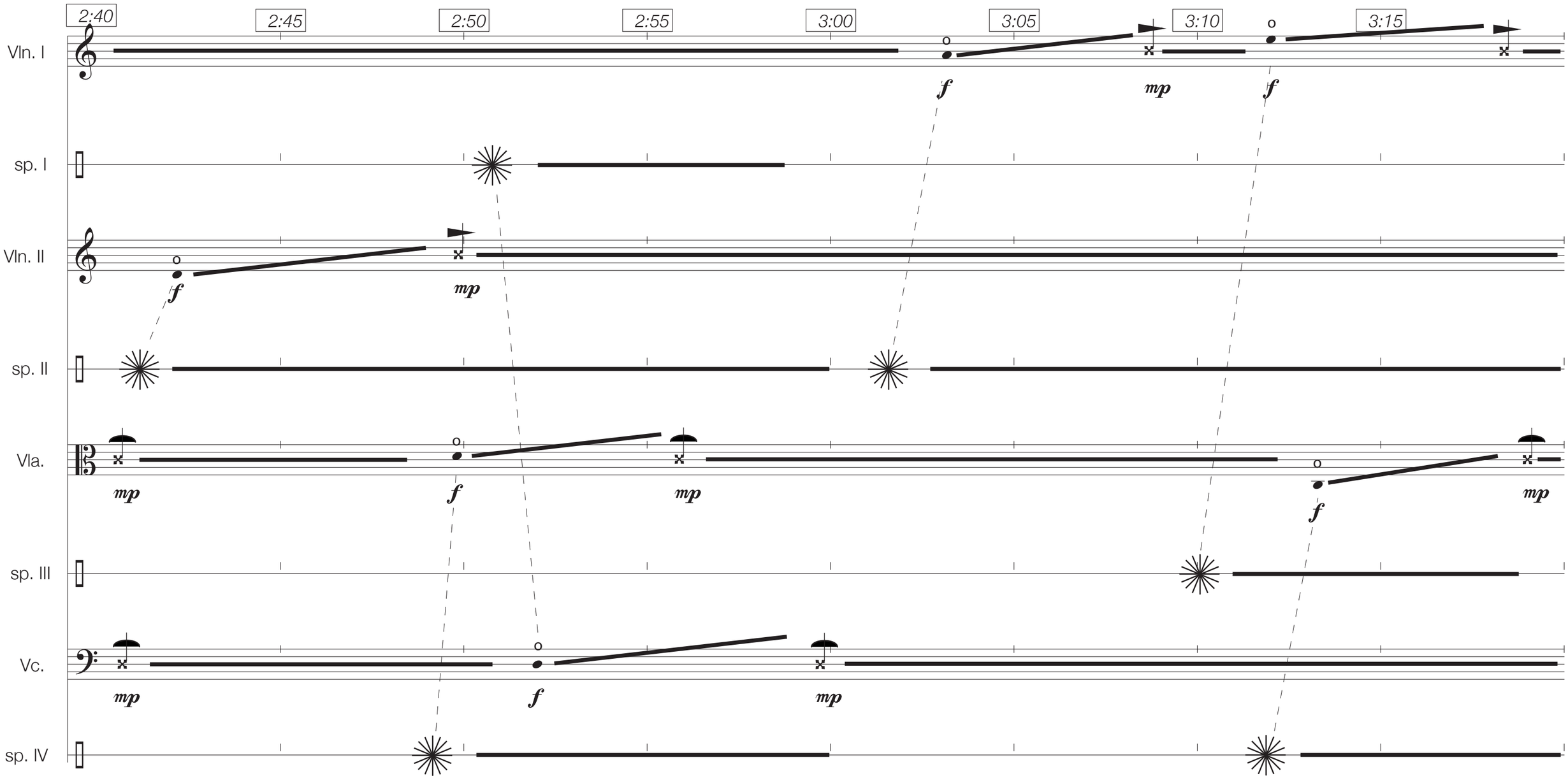
sp. II

Vla.

sp. III

Vc.

sp. IV


2:40
2:45
2:50
2:55
3:00
3:05
3:10
3:15
Vln. I
sp. I
Vln. II
sp. II
Vla.
sp. III
Vc.
sp. IV
f
mp

3:20 3:25 3:30 3:35 3:40 3:45 3:50 3:55

Vln. I

f *f* *ff* *mp* al niente

sp. I

Vln. II

f *f* *ff* *mp* al niente

sp. II

Vla.

f *f* *ff* *mp* al niente

sp. III

Vc.

f *f* *ff* *mp* al niente

sp. IV

experiment 6

Aktion von licht oder intensiver strahlung im all

Lento ♩ = 44

Violin I

Violin II

Viola

Cello

f

f

f

f

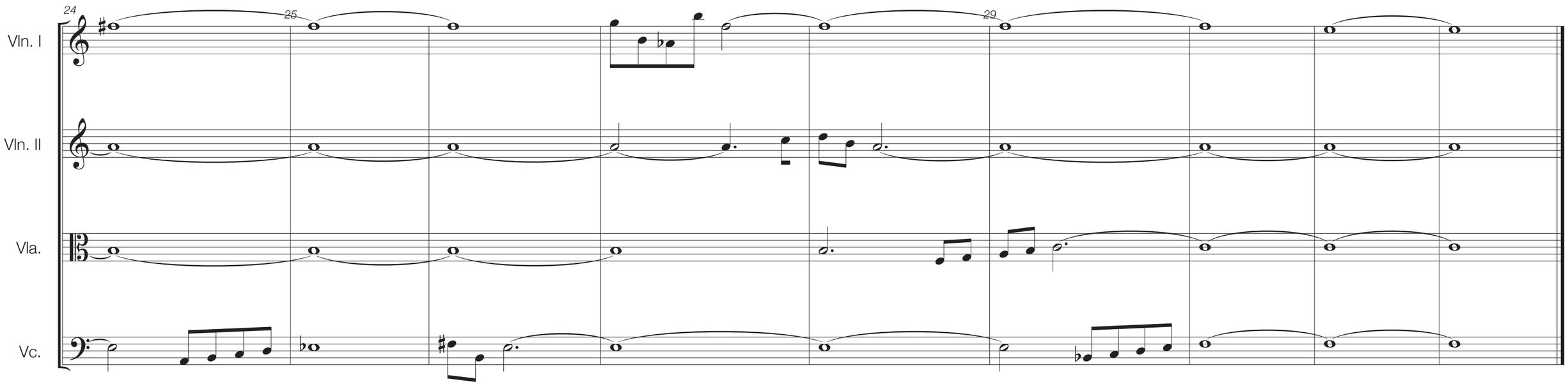
start fixed media on beat 1.0

Vln. I

Vln. II

Vla.

Vc.


24
25
29
Vln. I
Vln. II
Vla.
Vc.