Dedicated to Urho Kekkonen

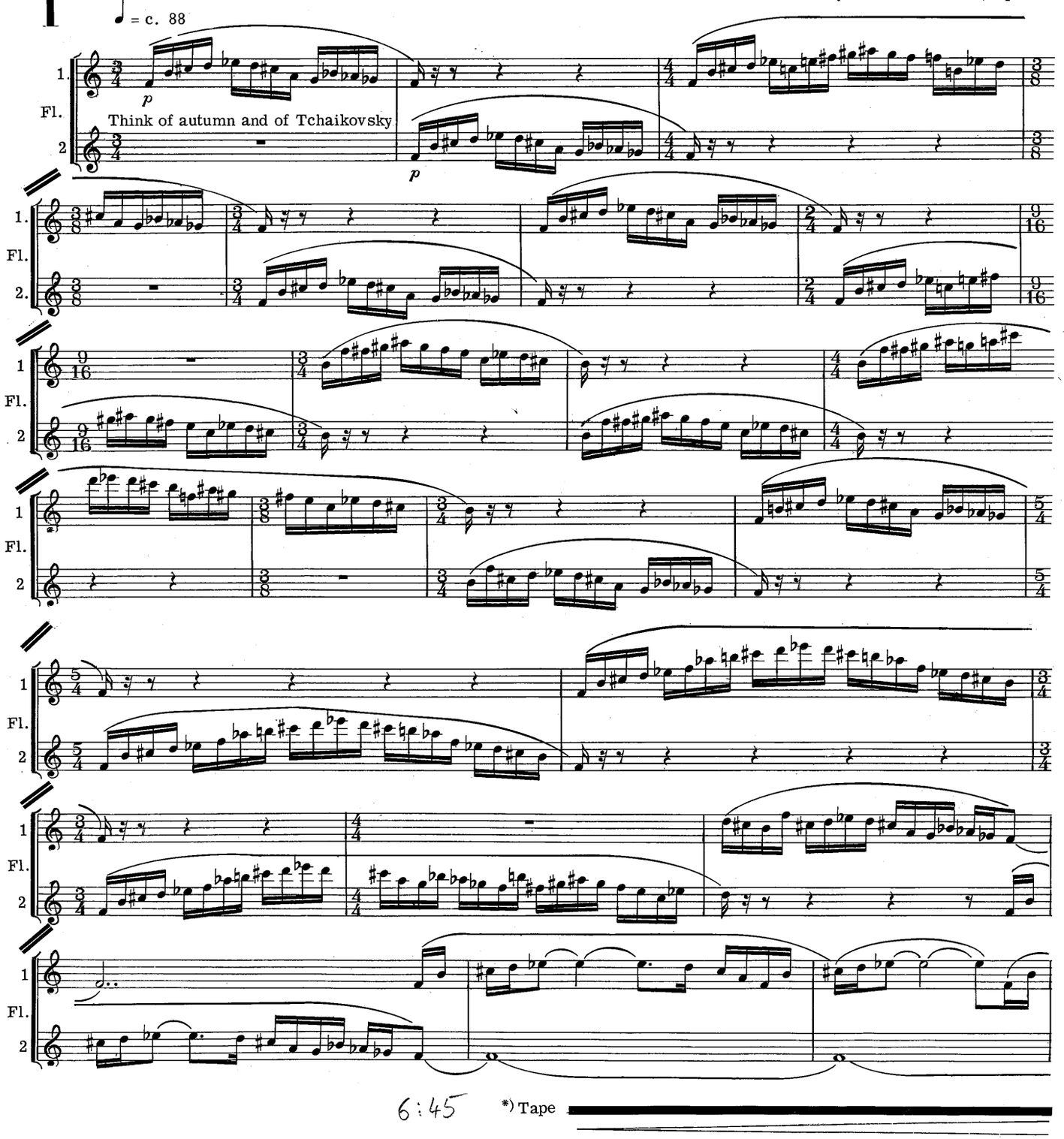
Written for the Arctic University of Oulu 1972

CANTUS ARCTICUS

Concerto for Birds and Orchestra

The Bog

Einojuhani Rautavaara, op. 61



*)An assistant at the tape recorder, equipped with this score, must be visible to the conductor. Two channels, crescendo from 0 to 5-6 of 10: Play the tape loud enough to make it the leading voice, until the second group of the orchestra enters, on page 7.

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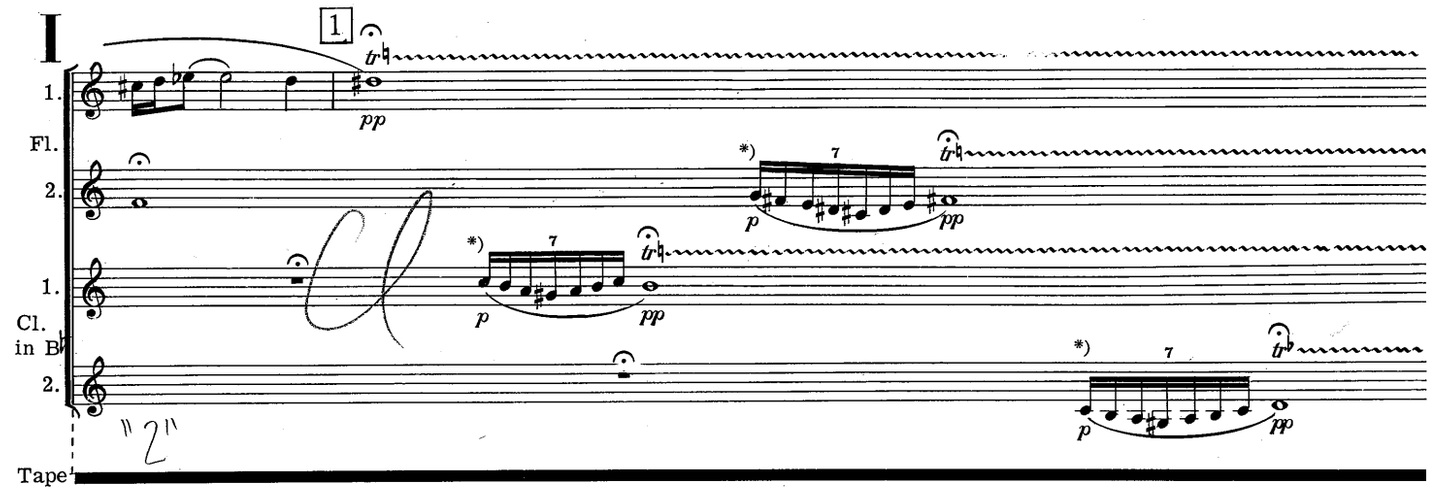
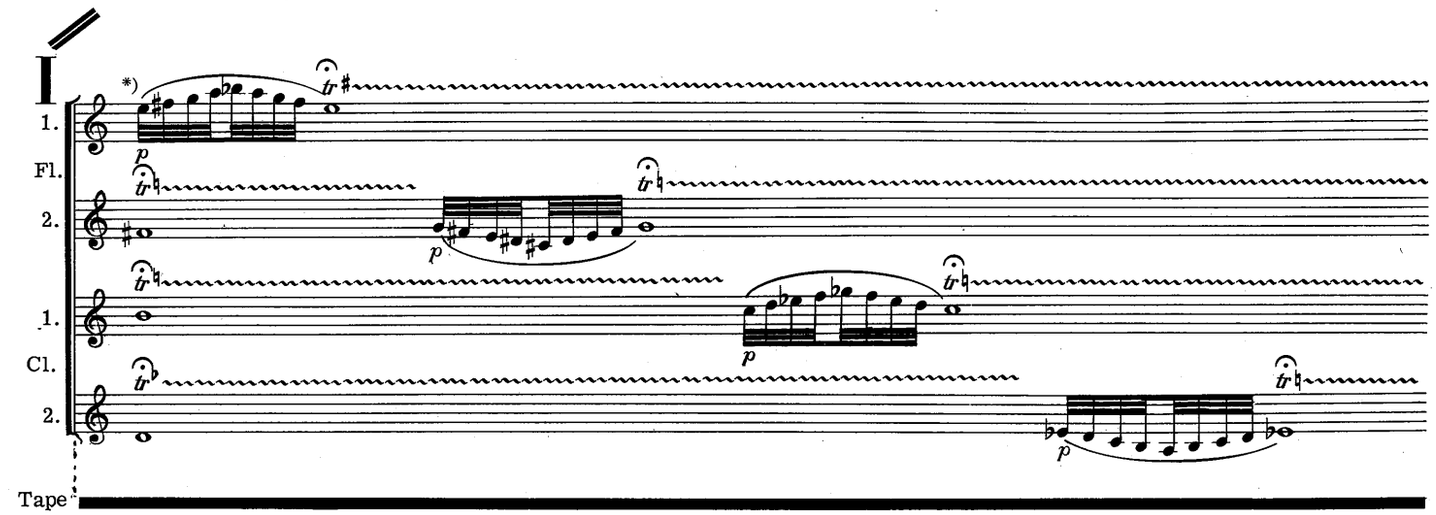
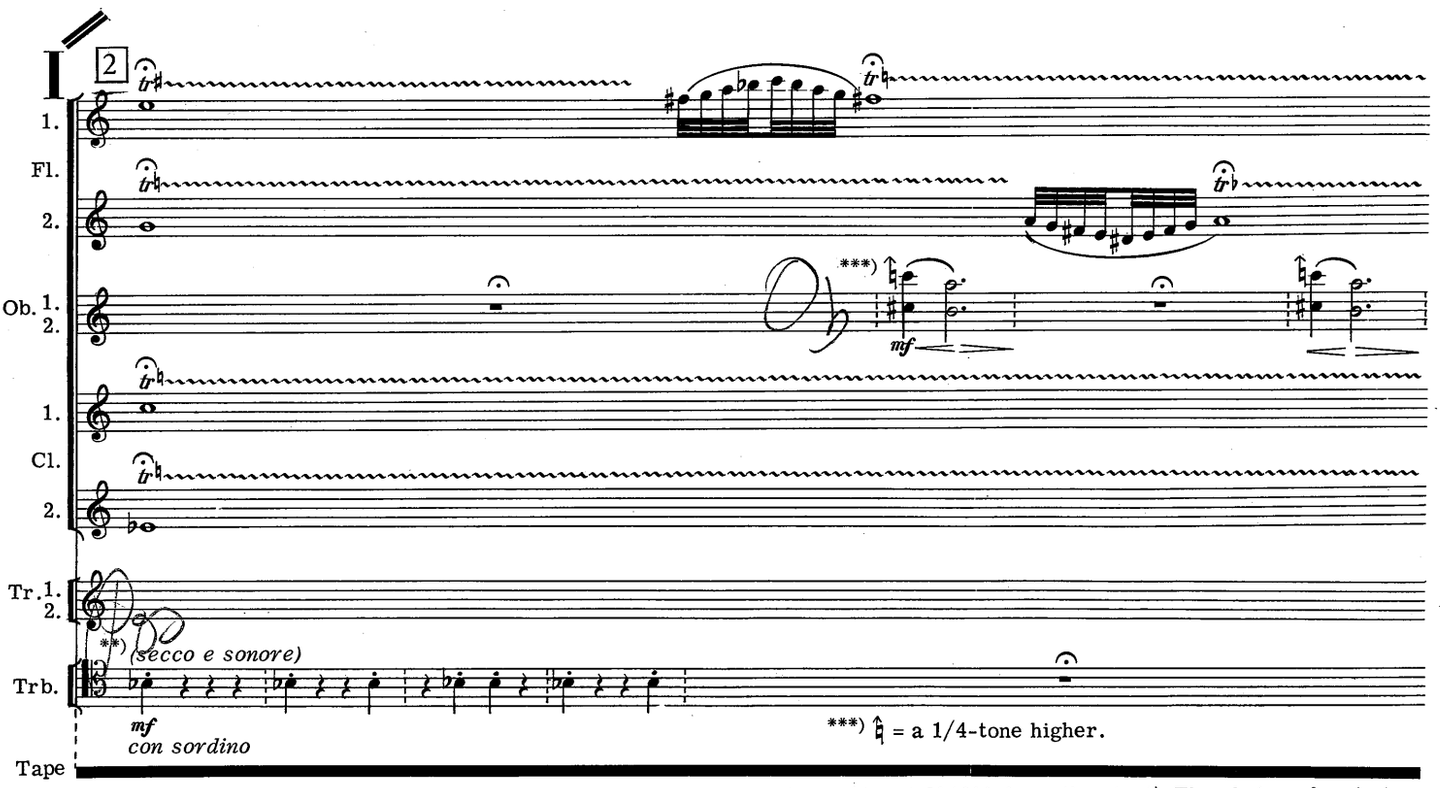


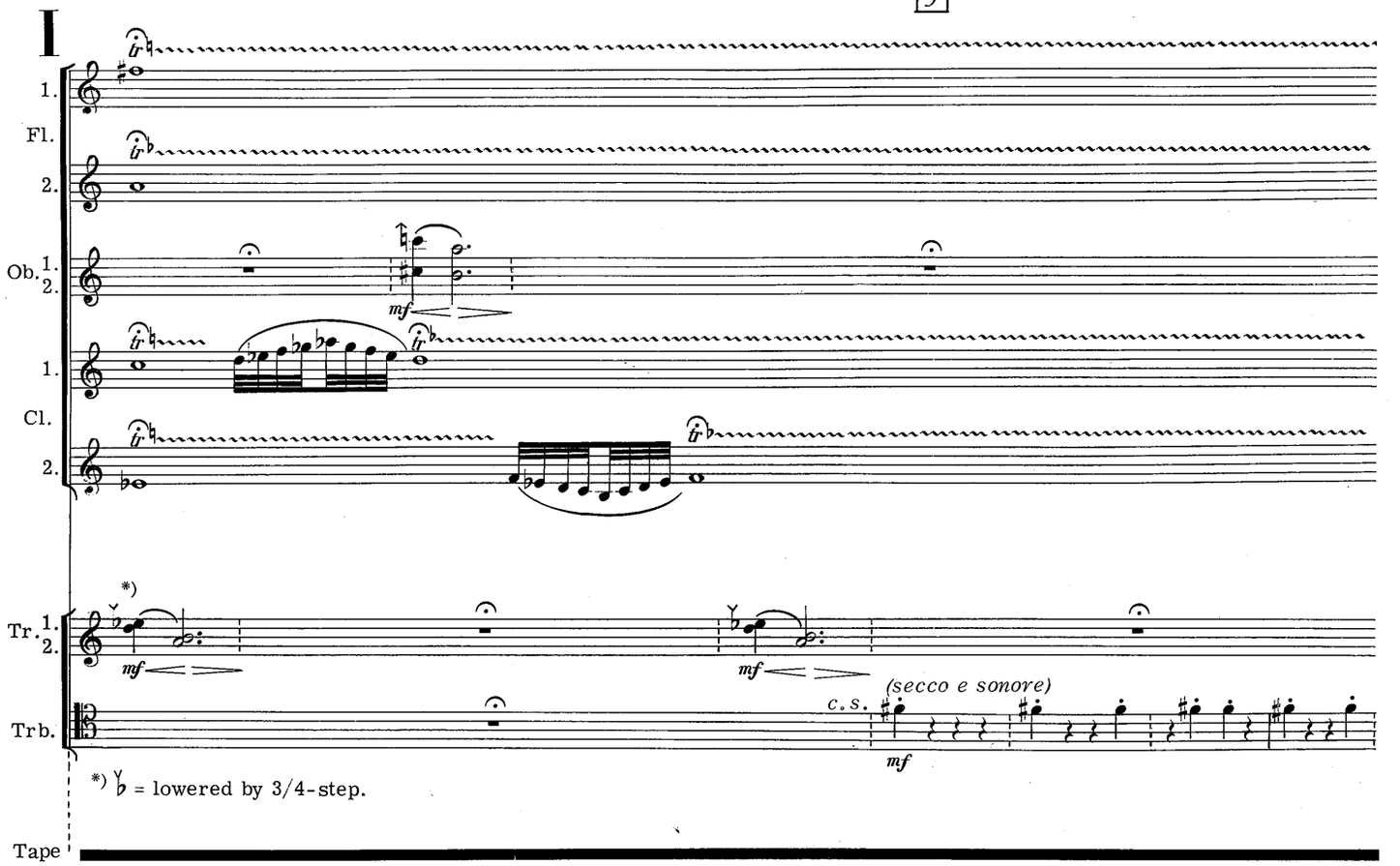
*) Only the order of the entries and of the 32-note figures must be as written: The intervals between are very free and depend on the conductor, who must play this section (from the entrance of the tape until the entrance of the Group II) in 2'.

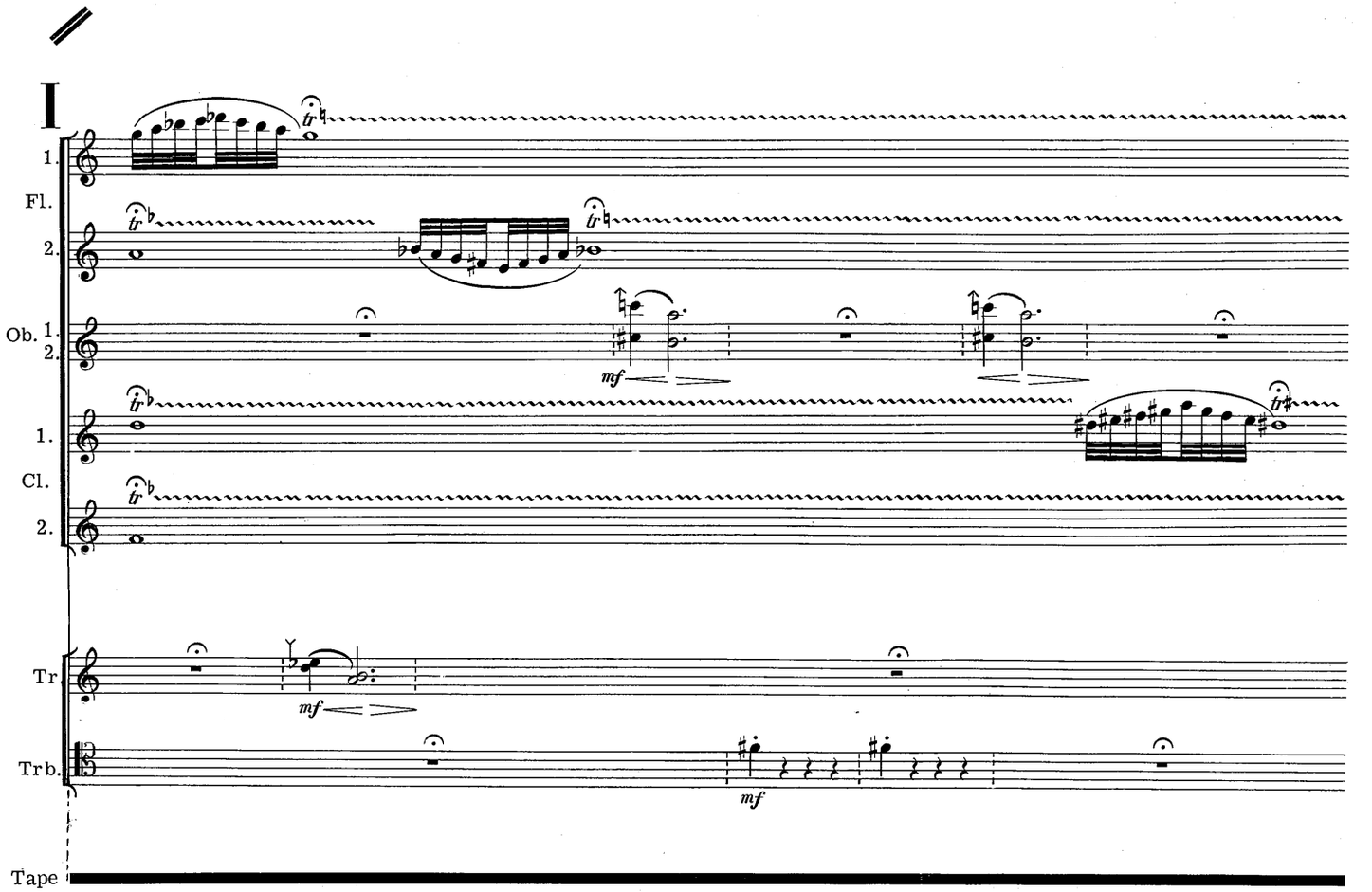


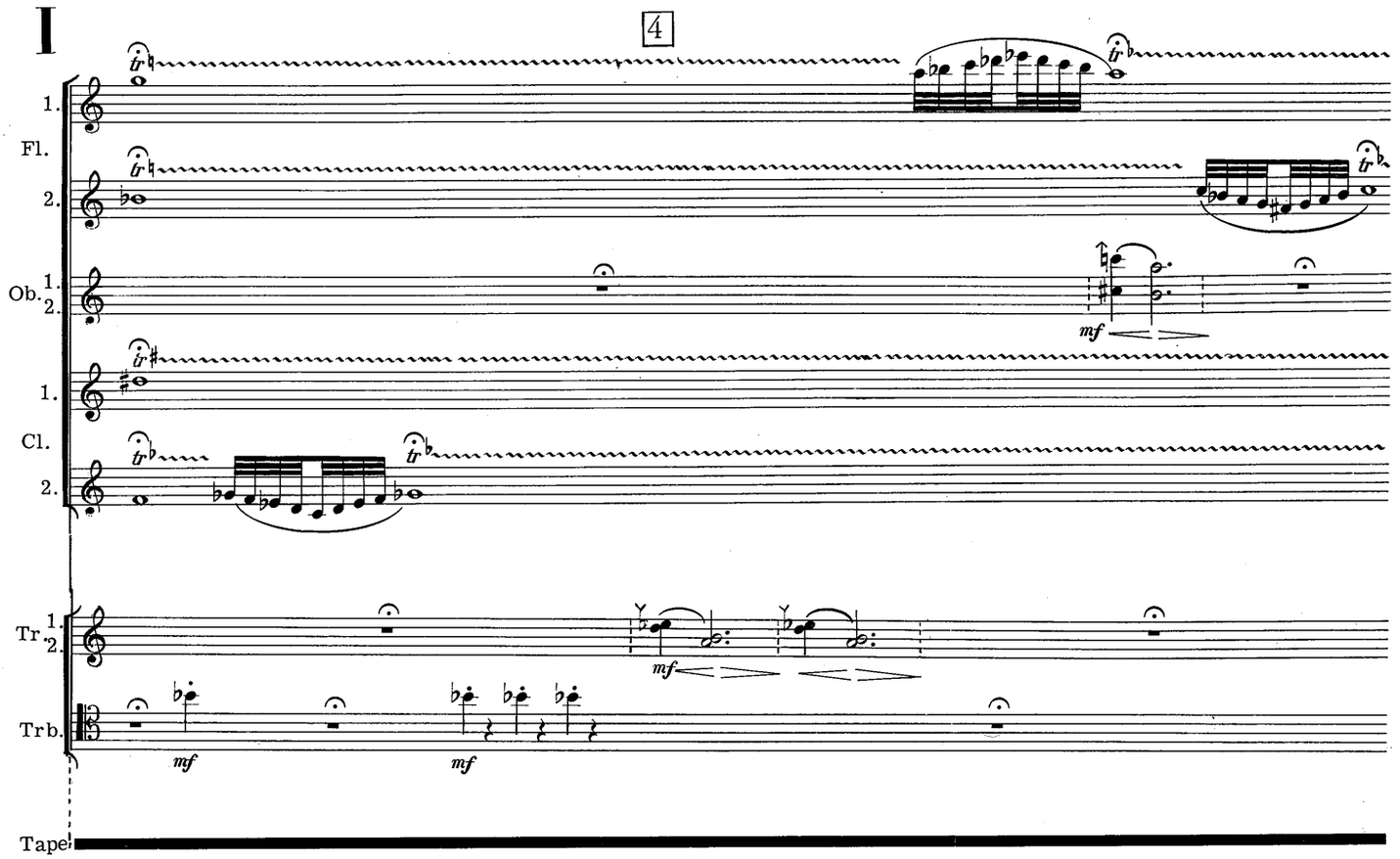


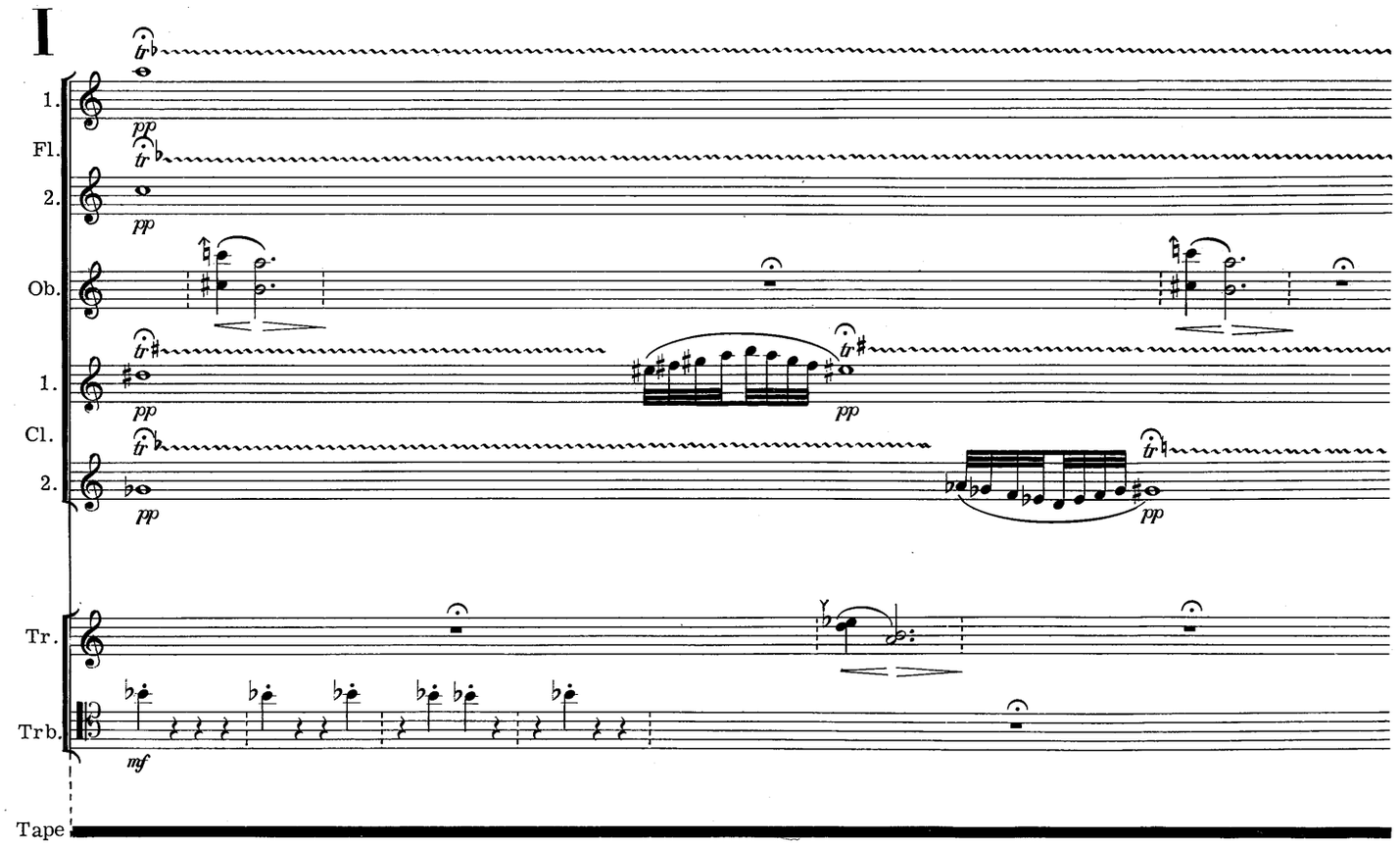
**) Try to imitate the staccato sound of the crane heard later on the tape. (About 3'10'' from the start). The choice of mute is decisive.

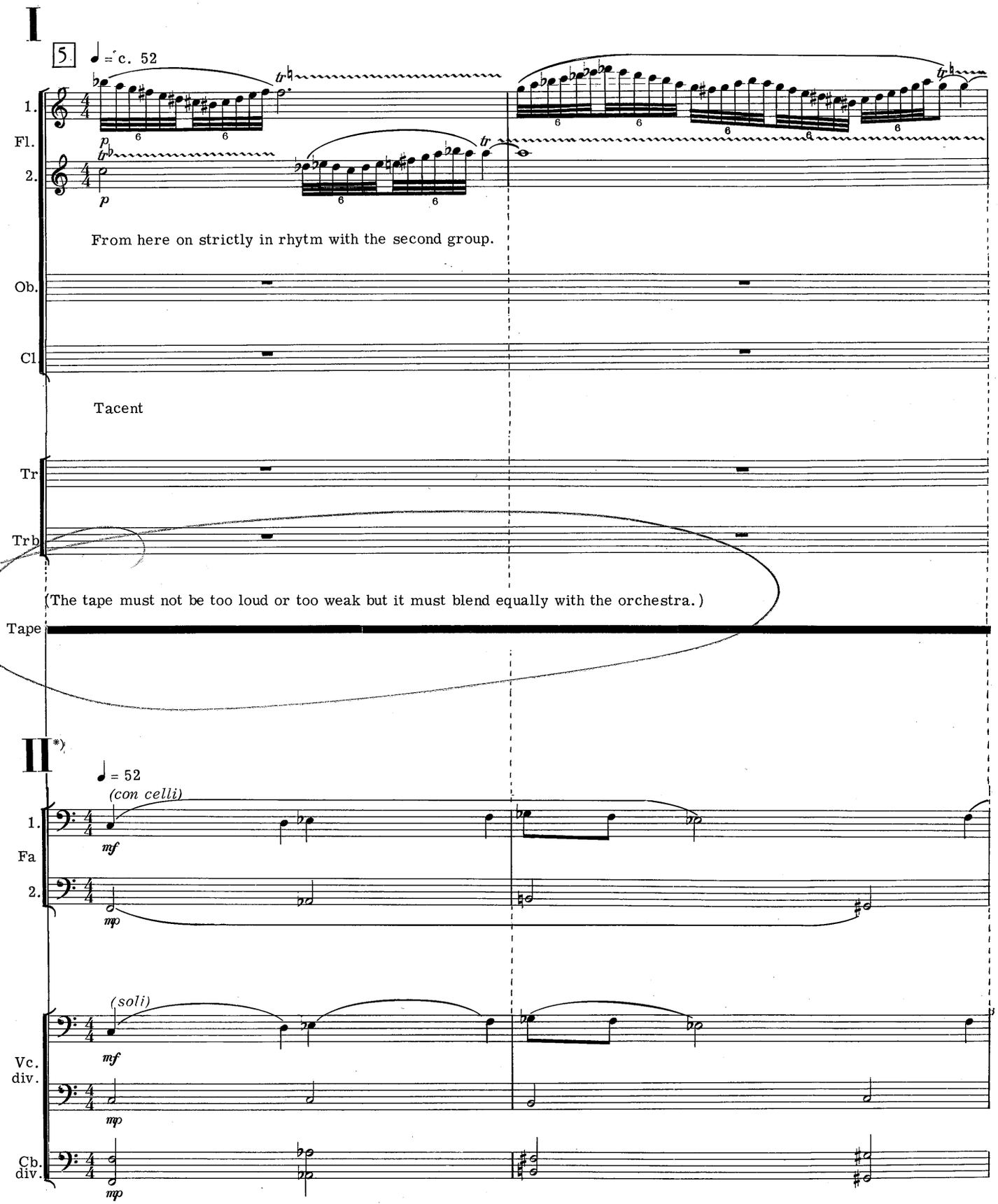
3


I
1.
Fl.
2.
Ob. 1.
2.
1.
Cl.
2.
*)
Tr. 1.
2.
Trb.
mf
mf
c.s.
(secco e sonore)
mf
*) = lowered by 3/4-step.
Tape


I
1.
Fl.
2.
Ob. 1.
2.
mf
1.
Cl.
2.
Tr
mf
Trb.
mf
Tape

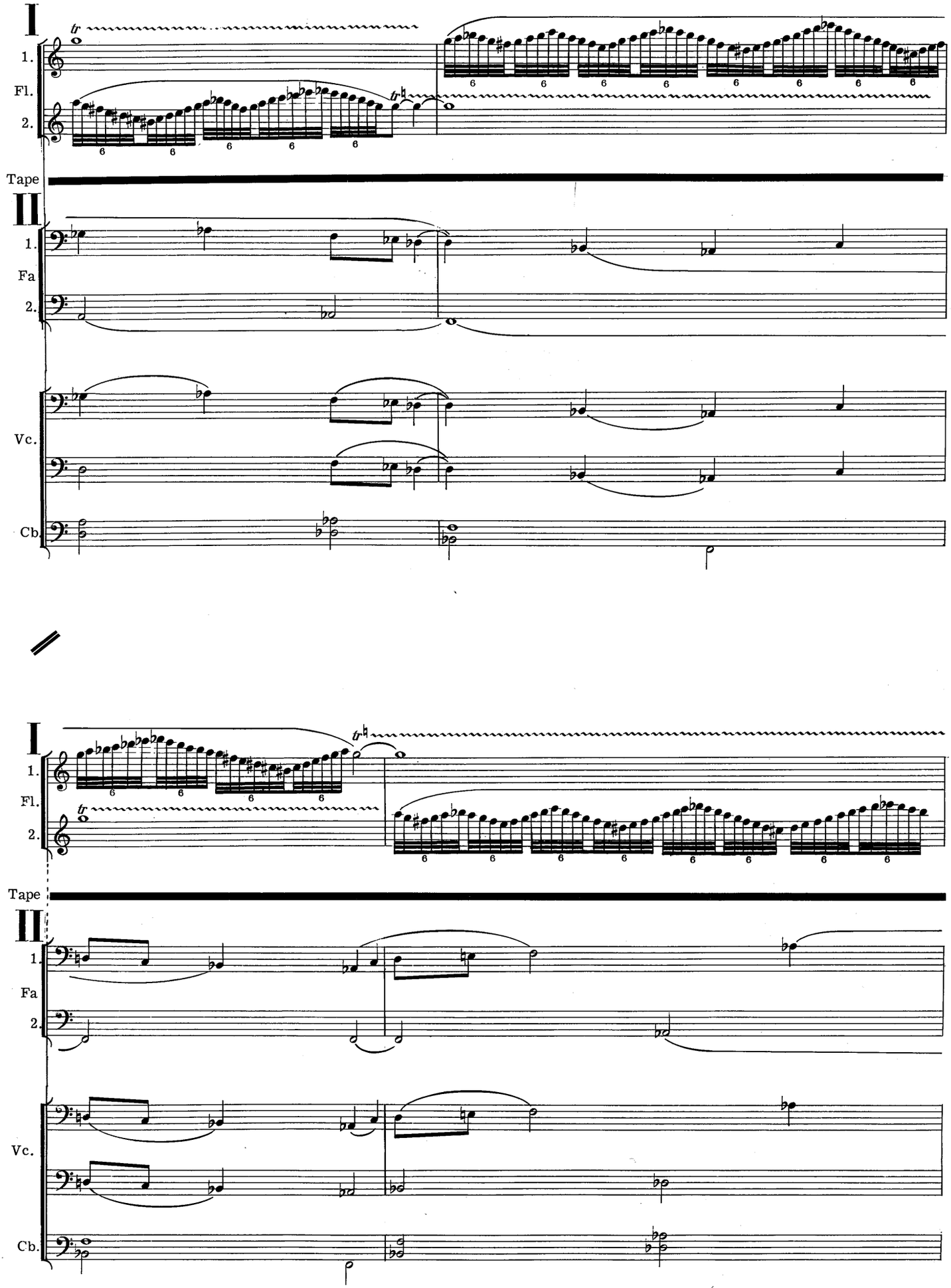

I
4
1.
Fl.
2.
Ob. 1.
2.
mf
1.
Cl.
2.
Tr. 1.
2.
mf
Trb.
mf
mf
Tape

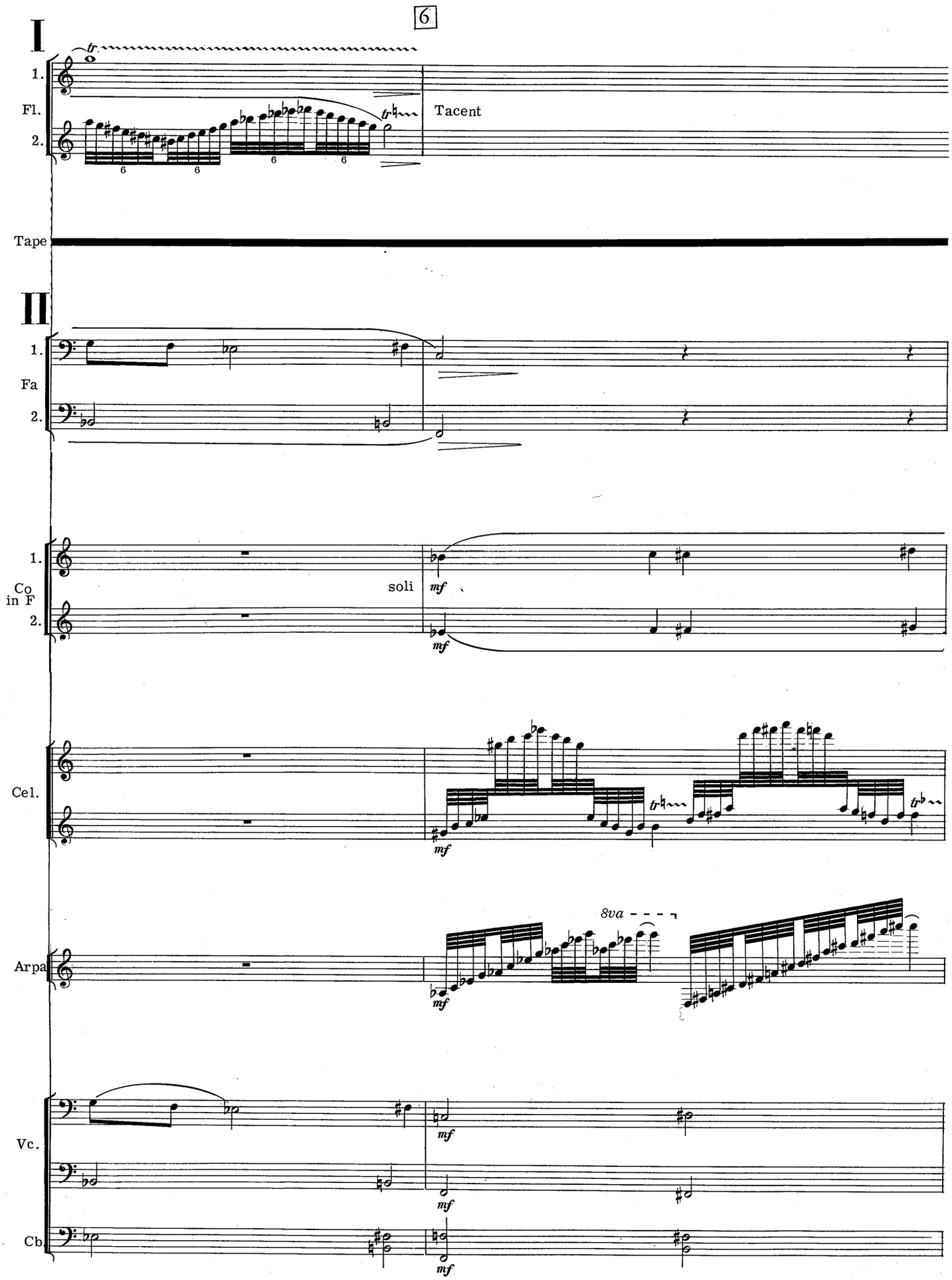

I
1.
Fl.
2.
pp
pp
Ob.
1.
pp
pp
Cl.
2.
pp
pp
Tr.
Trb.
mf
Tape

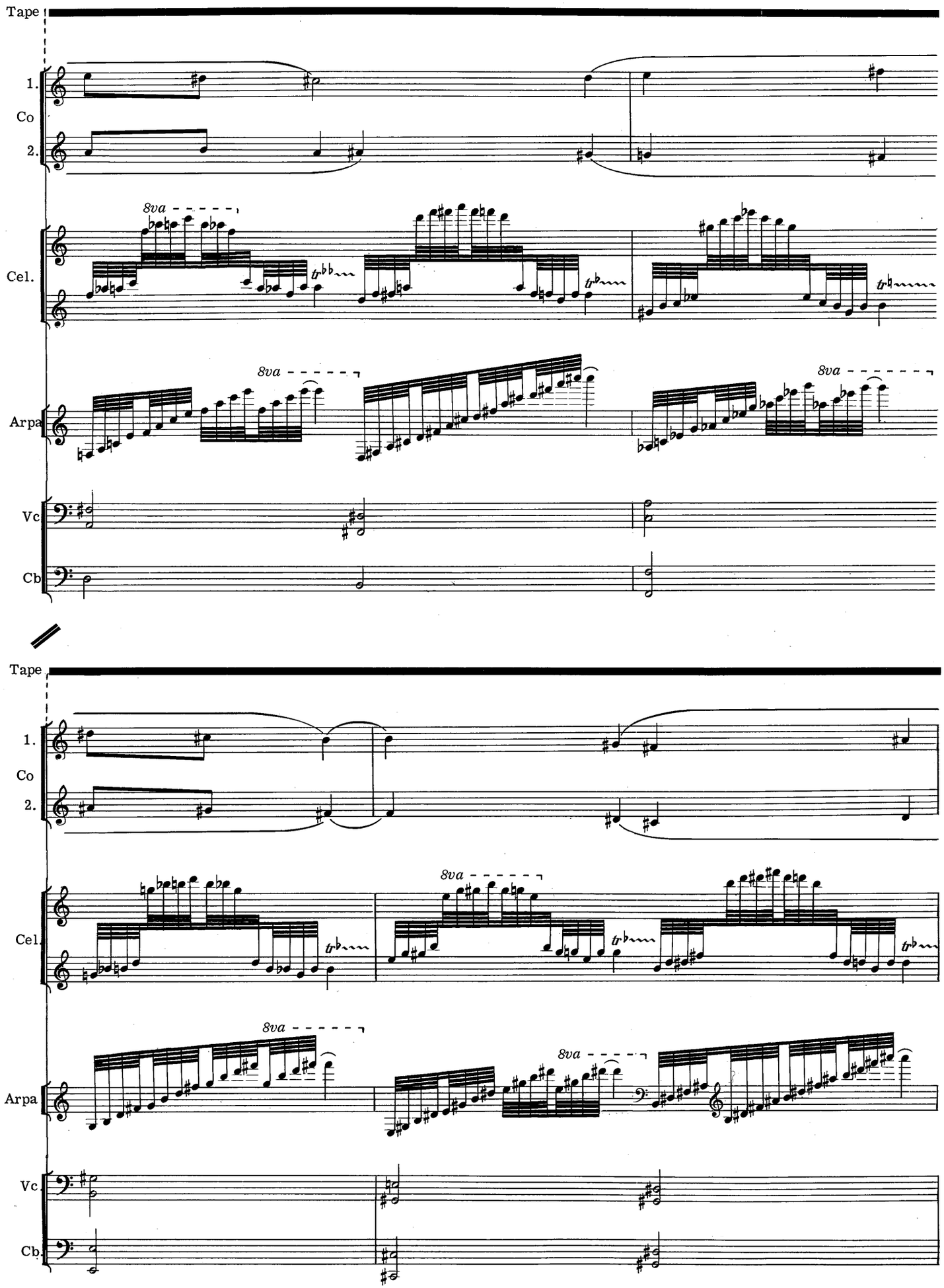


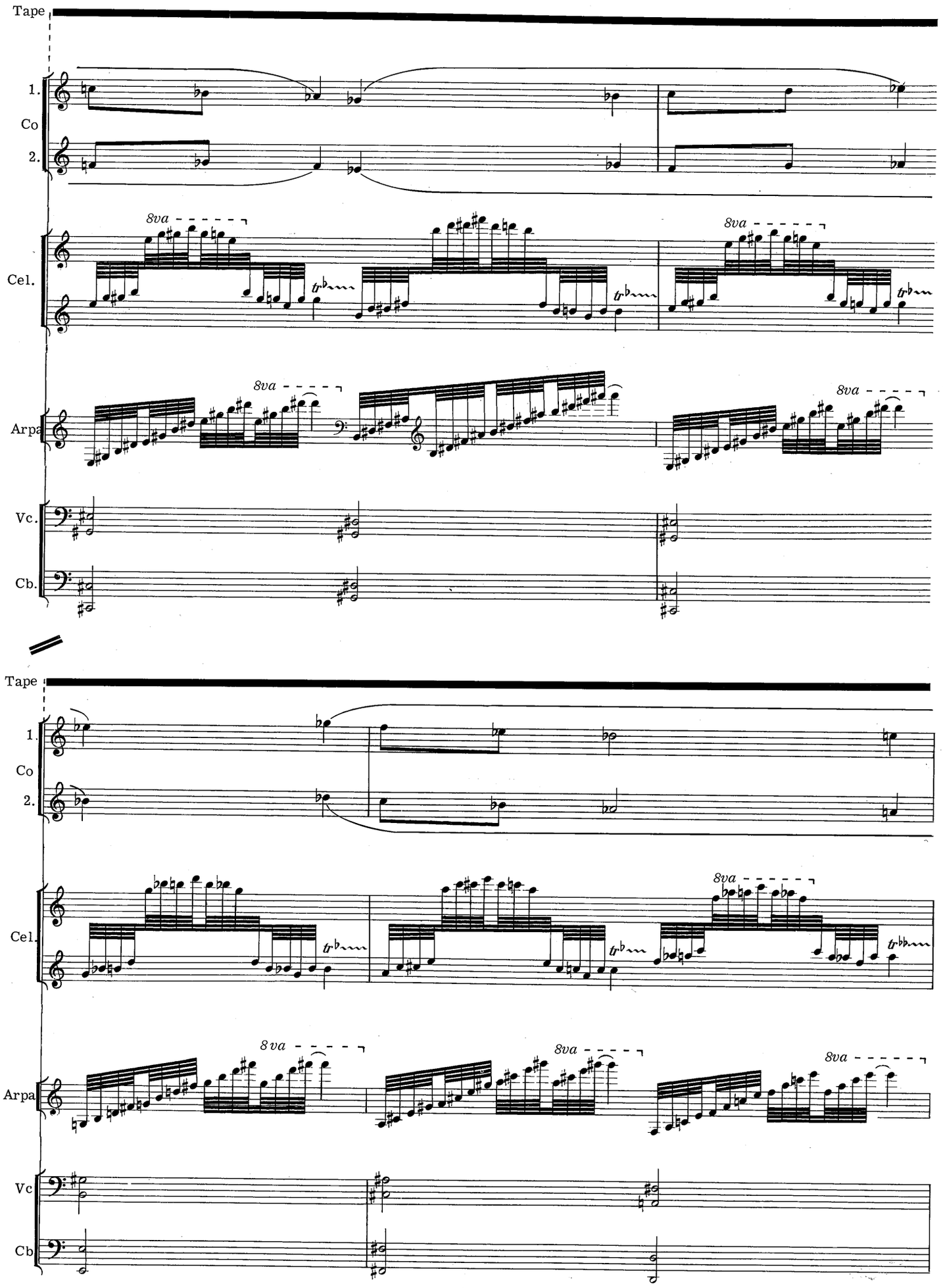
*) The second group of the orchestra enters approx. 2' from the start of the tape.

On this beat: ob, cl, tr, trb tacent,
Group II enters,
the flutes play with it,
the tape has been on 2'.

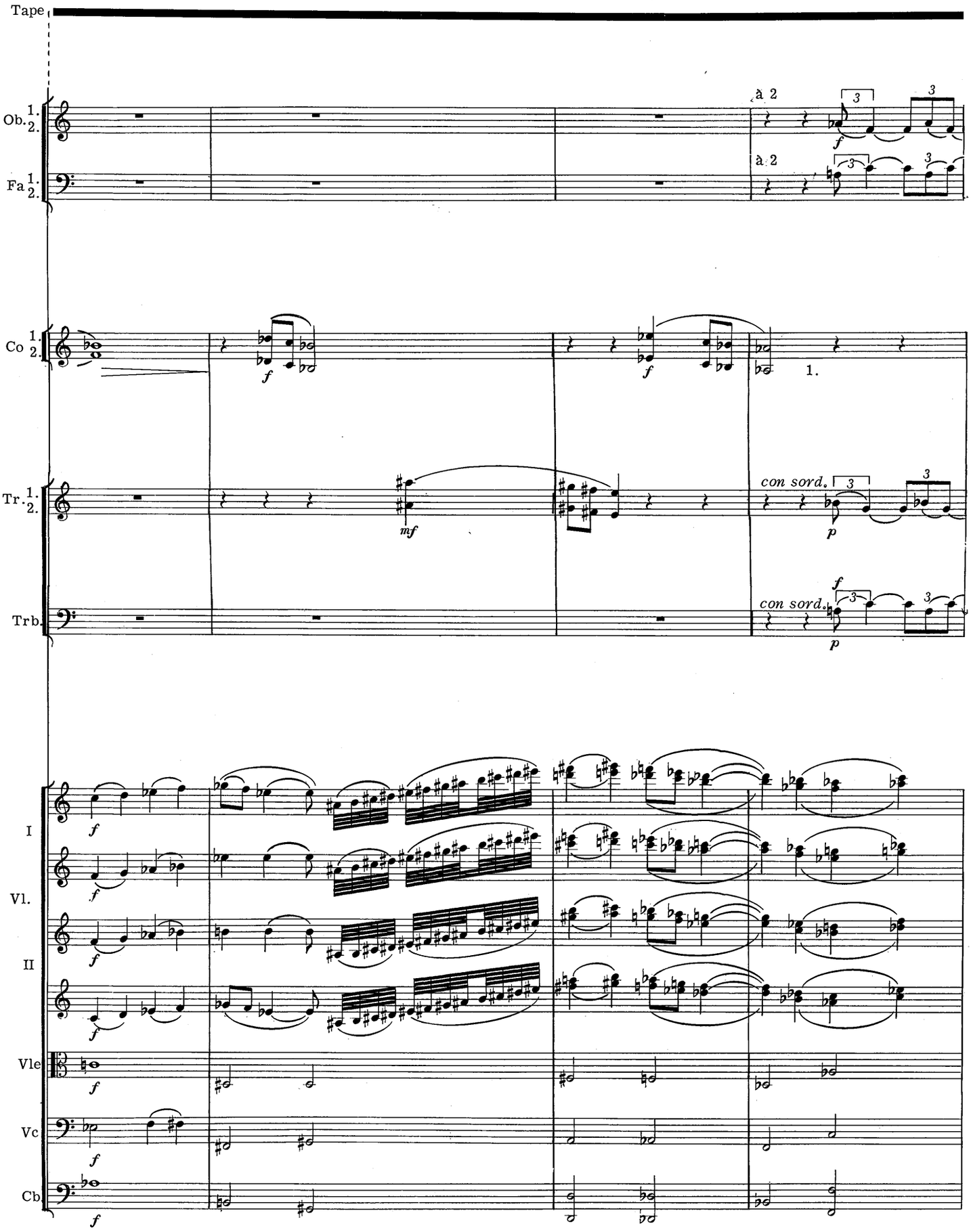

I
1.
Fl.
2.
Tape
II
1.
Fa
2.
Vc.
Cb.
I
1.
Fl.
2.
Tape
II
1.
Fa
2.
Vc.
Cb.

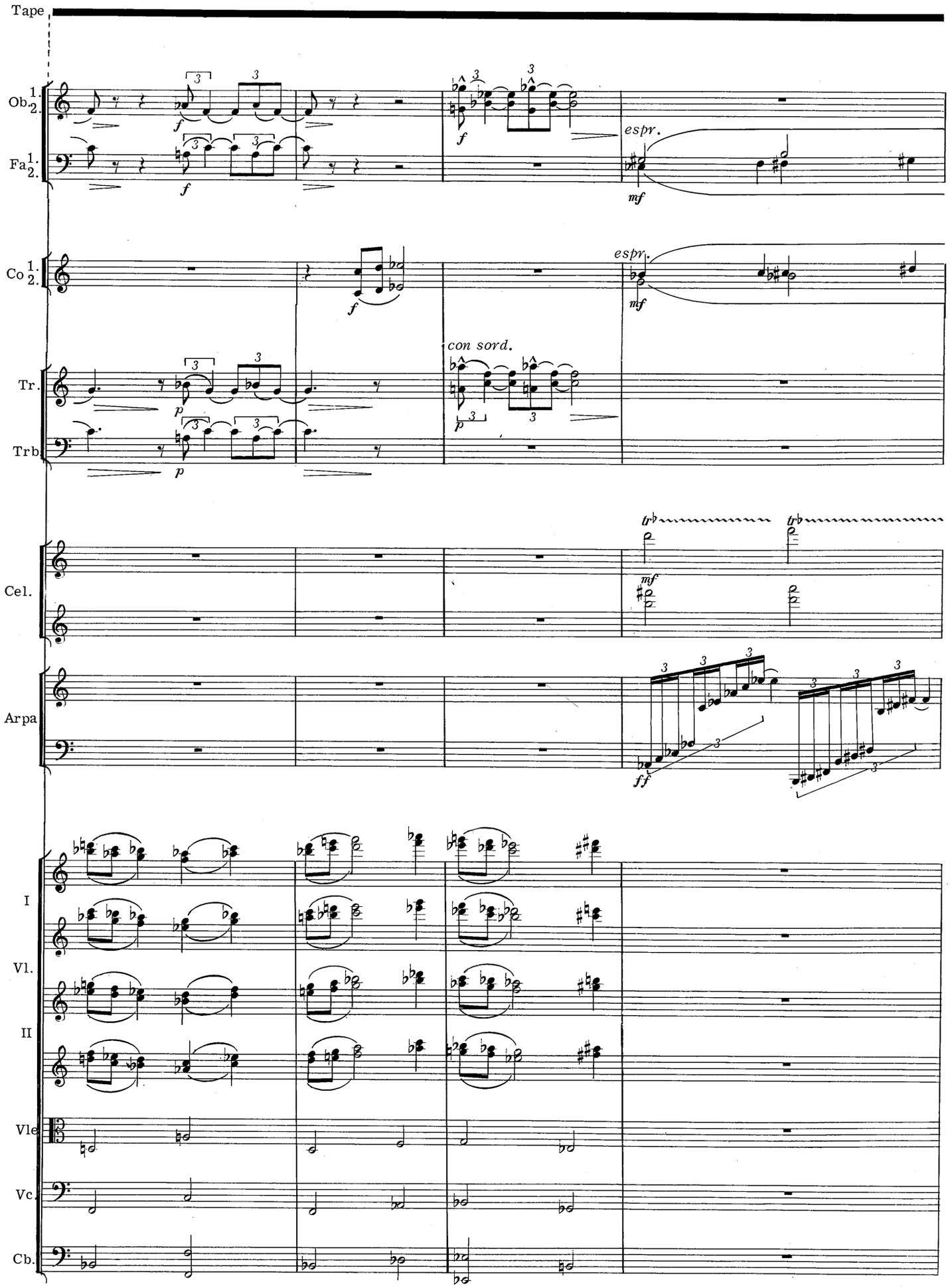

6
I
1.
Fl.
2.
tr
Tacent
Tape
II
1.
Fa
2.
1.
Co
in F
2.
soli
mf
Cel.
Arpa
8va
Vc.
Cb.

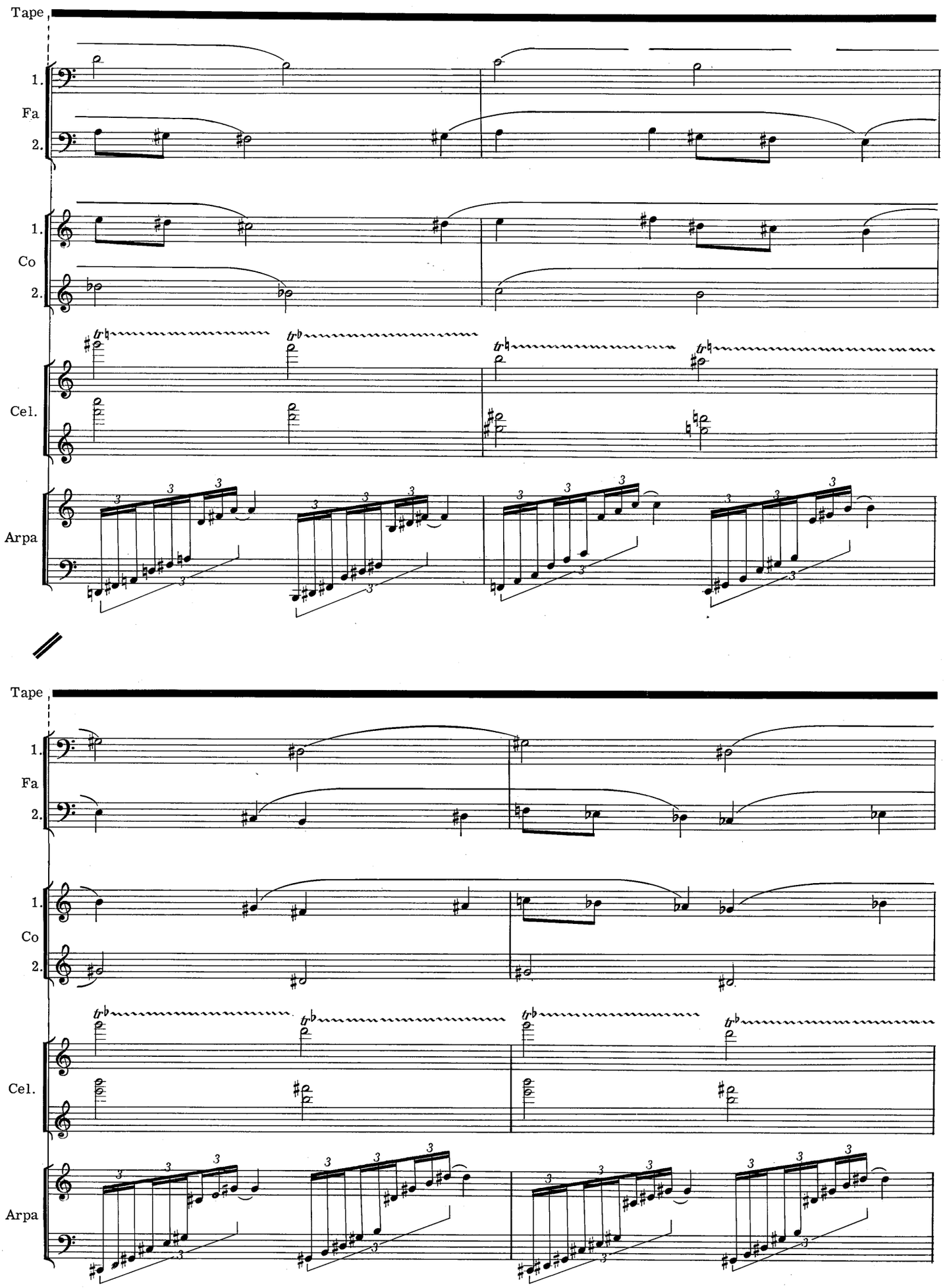

Tape
1.
Co
2.
Cel.
8va
Arpa
8va
8va
Vc
Cb
Tape
1.
Co
2.
Cel.
8va
Arpa
8va
8va
Vc
Cb.

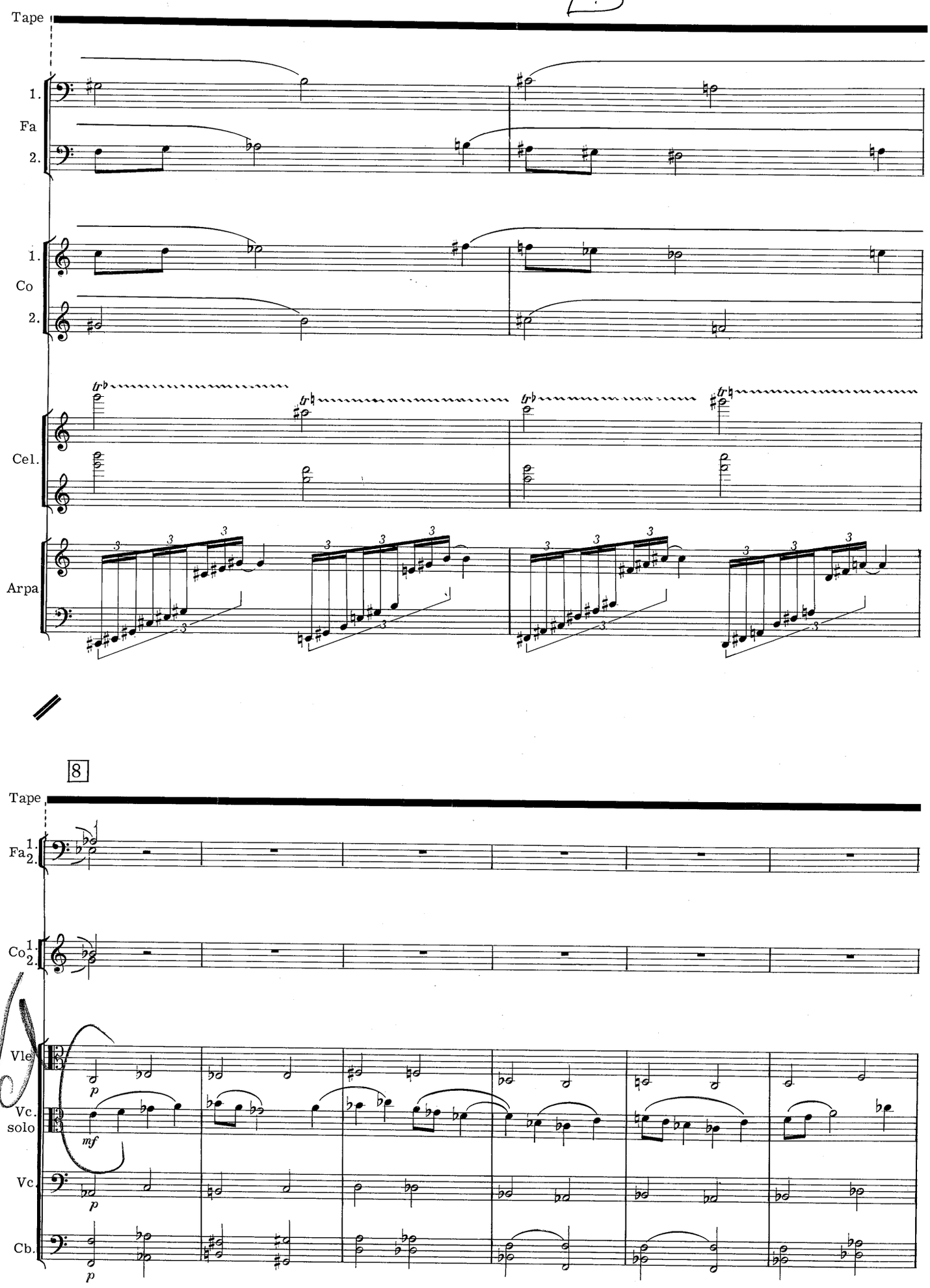

Tape
1.
Co
2.
Cel.
8va
Arpa
Vc.
Cb.
Tape
1.
Co
2.
Cel.
8va
Arpa
Vc
Cb

7


Tape
Ob. 1. 2.
Fa 1. 2.
Co 1. 2.
Tr. 1. 2.
Trb.
I
Vl.
II
Vle
Vc
Cb.
à 2
à 2
con sord.
con sord.
1.


Tape
Ob. 1. 2.
Fa 1. 2.
Co 1. 2.
Tr.
Trb
Cel.
Arpa
I
Vl.
II
Vle
Vc.
Cb.
espr.
mf
con sord.
f
p
ff
tr


Tape
1.
Fa
2.
1.
Co
2.
Cel.
Arpa
Tape
1.
Fa
2.
1.
Co
2.
Cel.
Arpa


Tape
1.
Fa
2.
1.
Co
2.
Cel.
Arpa
8
Tape
Fa 1. 2.
Co 1. 2.
Vle
Vc. solo
Vc.
Cb.
p
mf
p
p

9

♩ = 96 (clarinet only).

Solo, liberamente

Cl. 1.

p

(The clarinet starts approximately here.)

Tape

FADE OUT

Vle

solo

Vc.

Cb.

(Tutti)

p

p

Cl. 1.

pp

Tape

(The volume of the tape is diminished gradually.)

(It is not necessary that the three elements - cl, tape and strings - end all at once.)

Vc.

Cb.

pp

pp

(morendo)

(It is up to the conductor to end in B or F.)

Melancholy

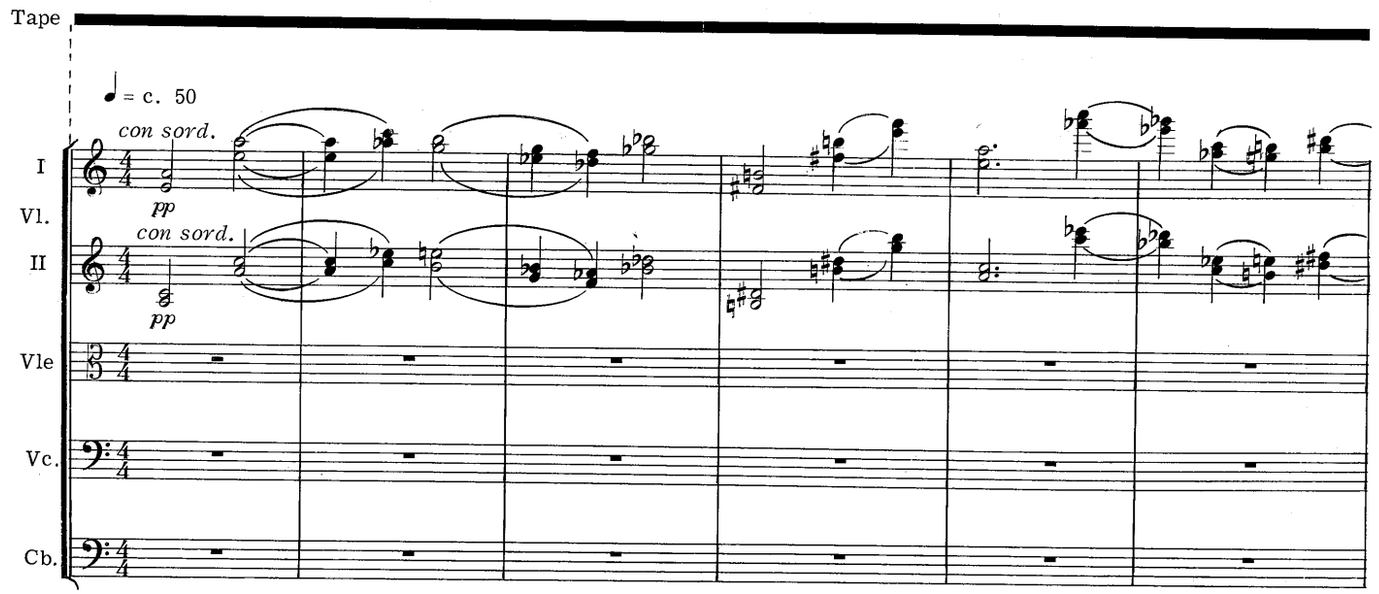
The orchestra pauses, giving the audience time enough to catch the idea that the birds on channels 1 and 2 are imitating each other.

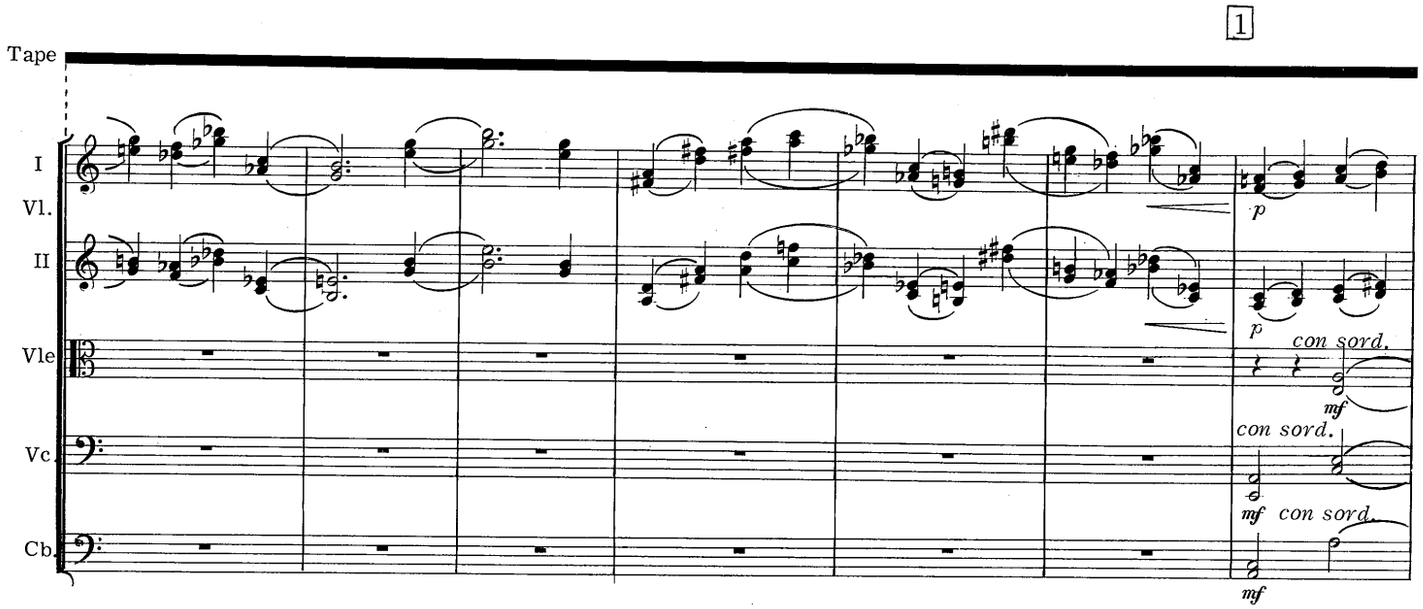
"2"

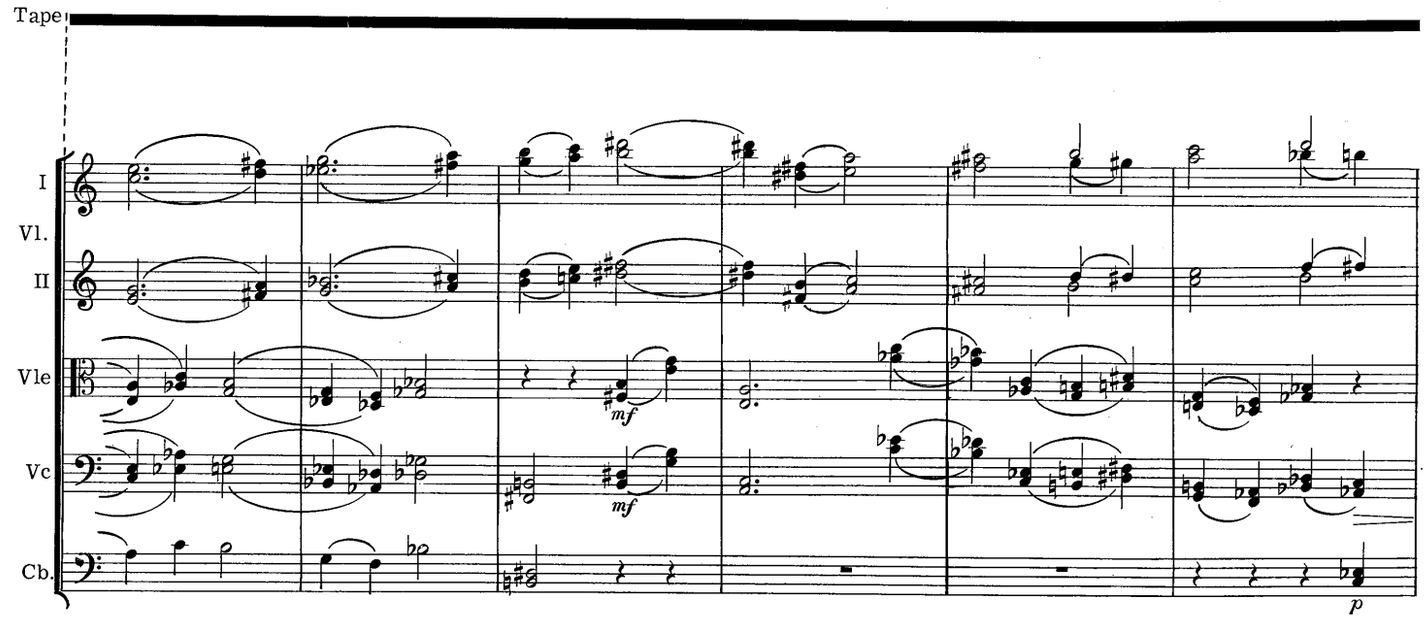
11:00 Tape — Vol. 5-6 of 10. — c. 1'

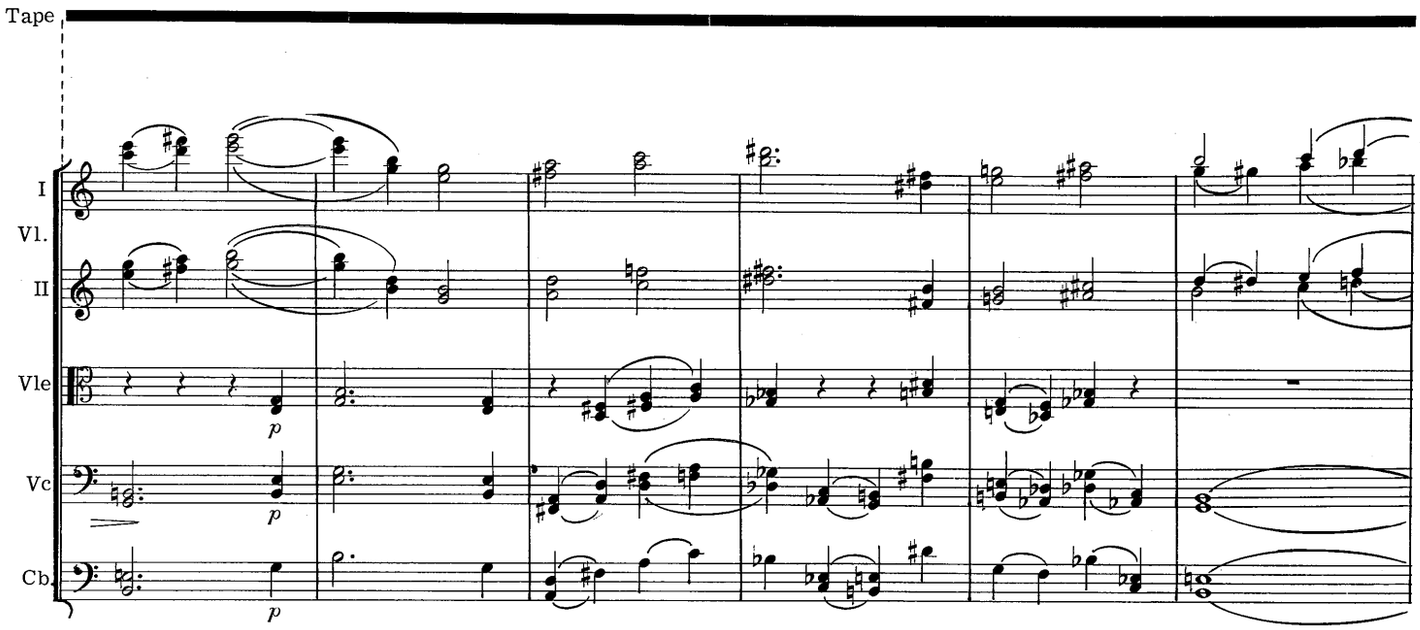
Orch. Tacet

(Poco diminuendo, if necessary.)






Tape
I
Vl.
II
Vle
Vc
Cb.
mf
mf
p


Tape
I
Vl.
II
Vle
Vc
Cb.
p
p
p

2

Tape

Fl. 1. 2.

Ob. 1. 2.

Cl. 1. 2.

Fa 1. 2.

à 2

Co 1. 2.

con sordino

Tr 1. 2.

con sordino

Trb.

con sordino

Cel.

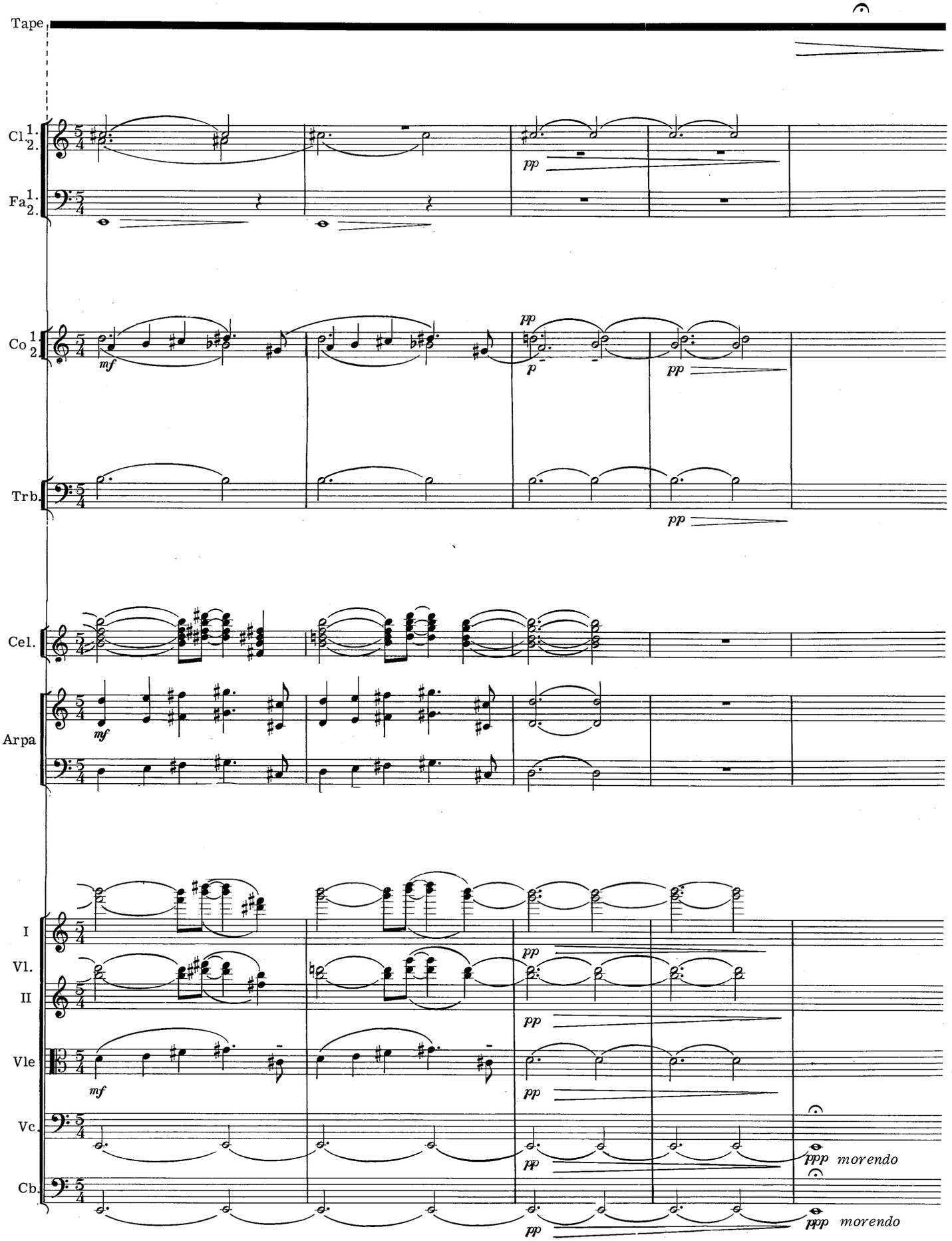
Arpa

I Vl. II

Vle

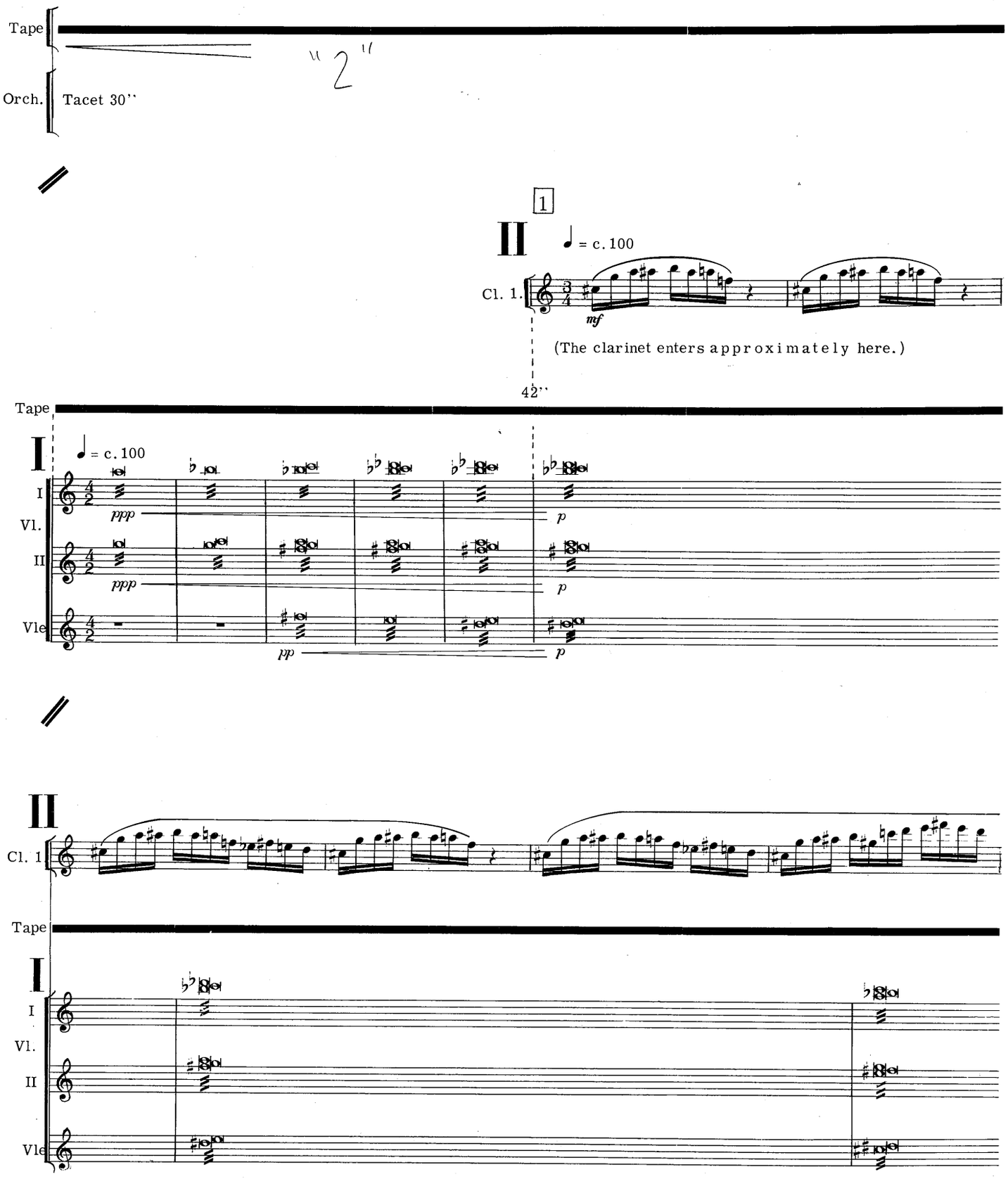
Vc.

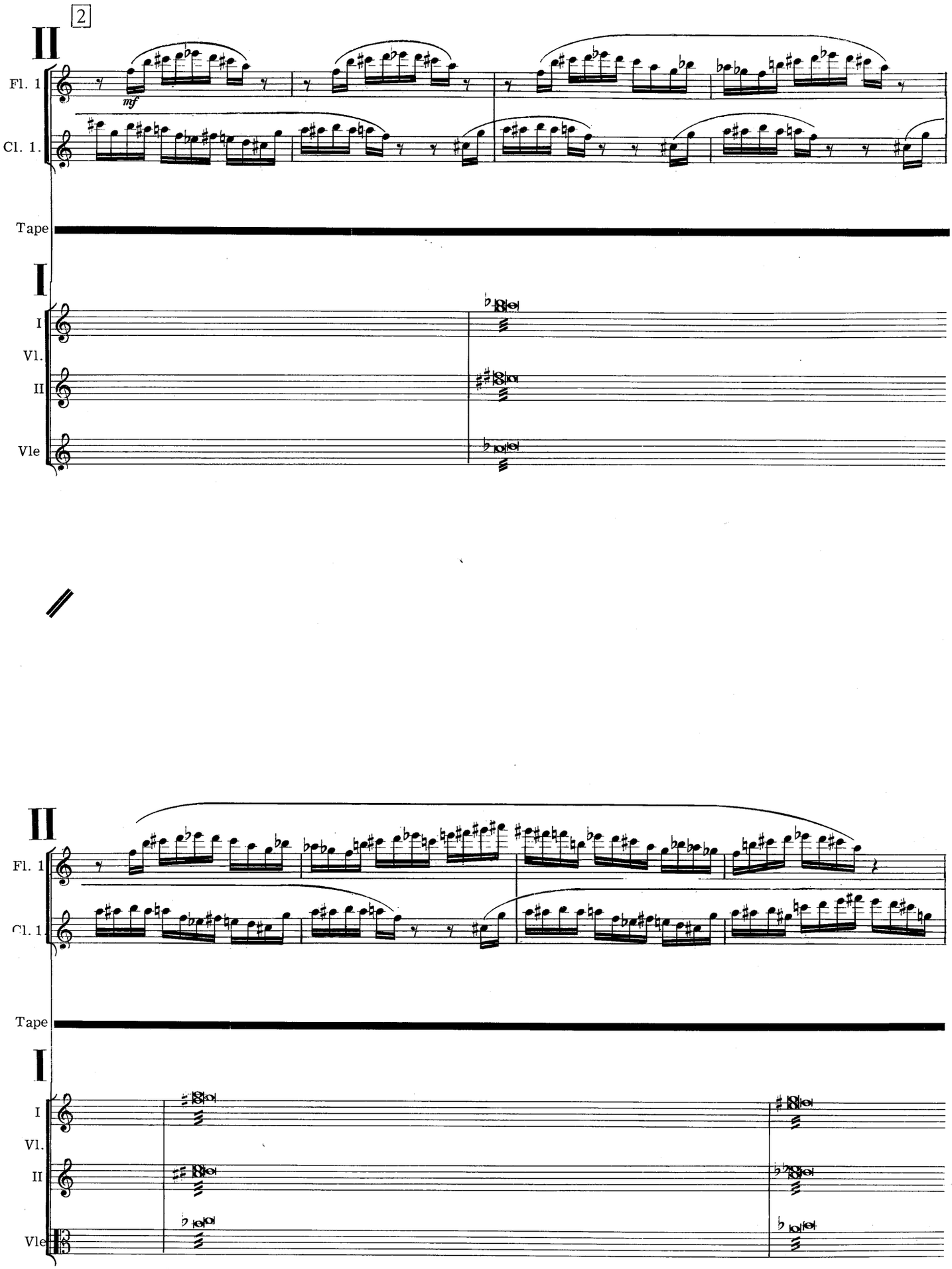
Cb.

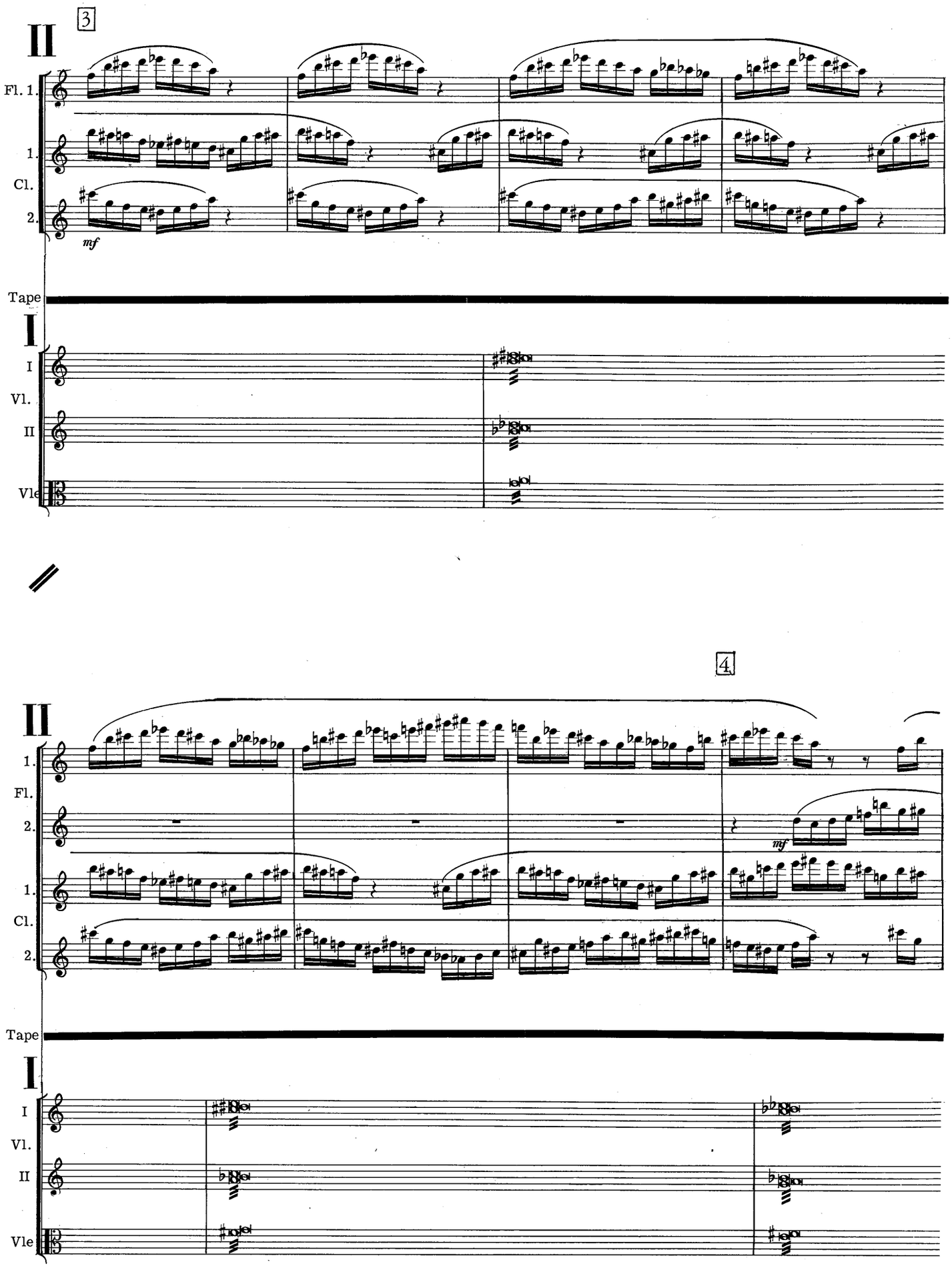

3
Tape
Cl. 1. 2.
Fa. 1. 2.
Co 1 2
Trb.
Cel.
Arpa
I Vl. II
Vle
Vc.
Cb.
mf
p
pp
ppp morendo

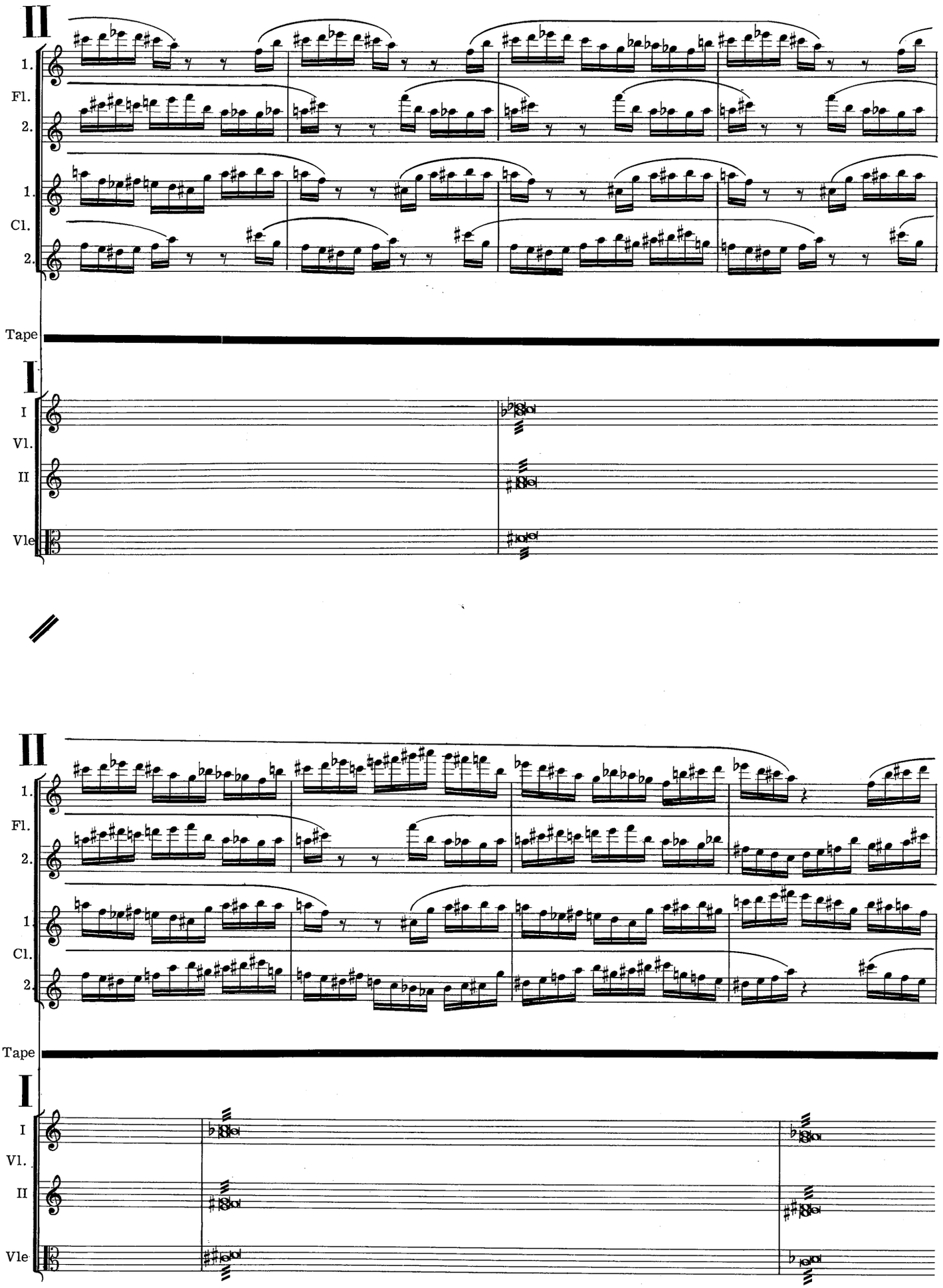
Swans migrating

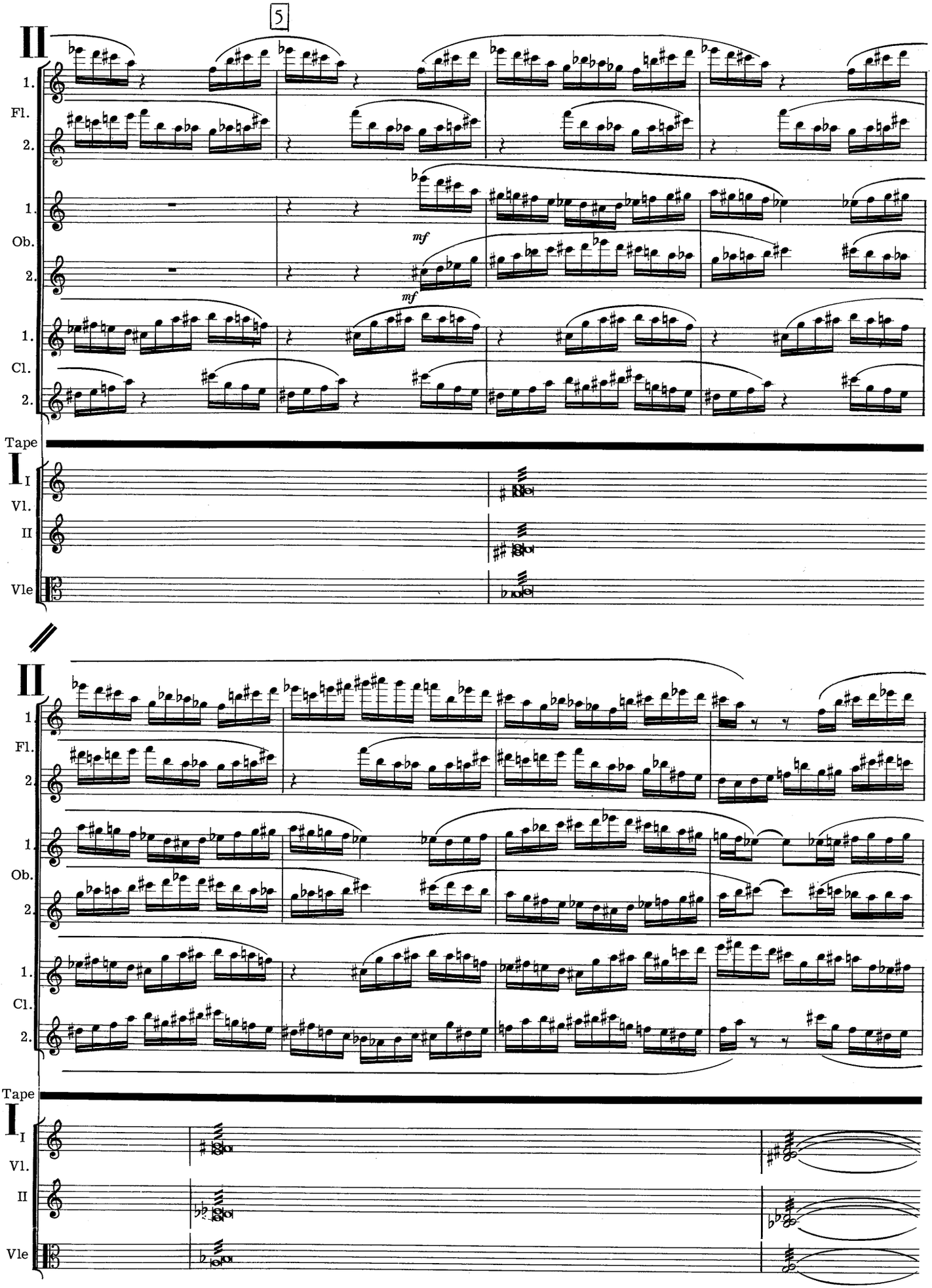
I, II, III, IV = Groups of instruments, only summarily synchronized mutually. (Inside a group everybody plays as notated.)

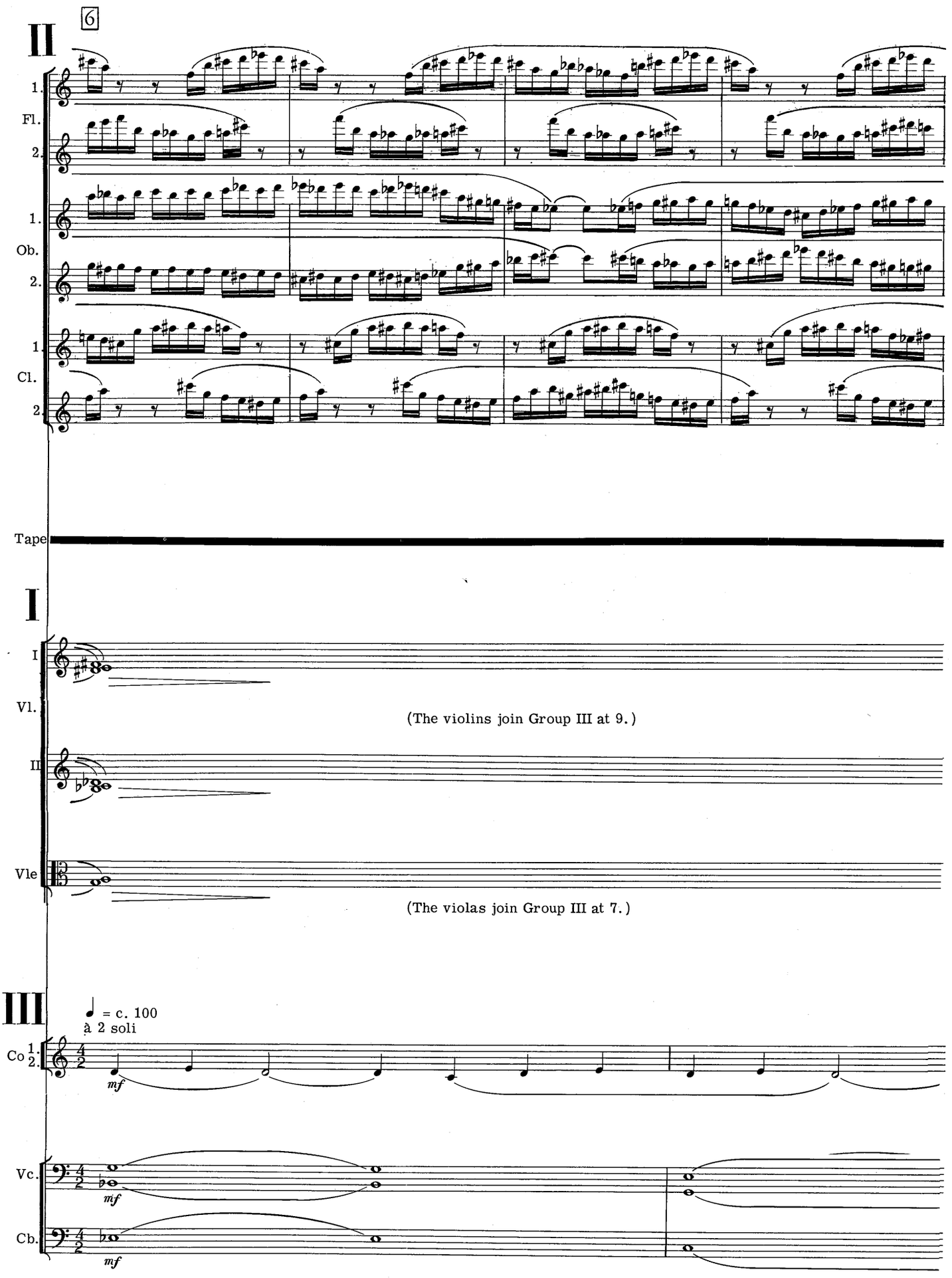


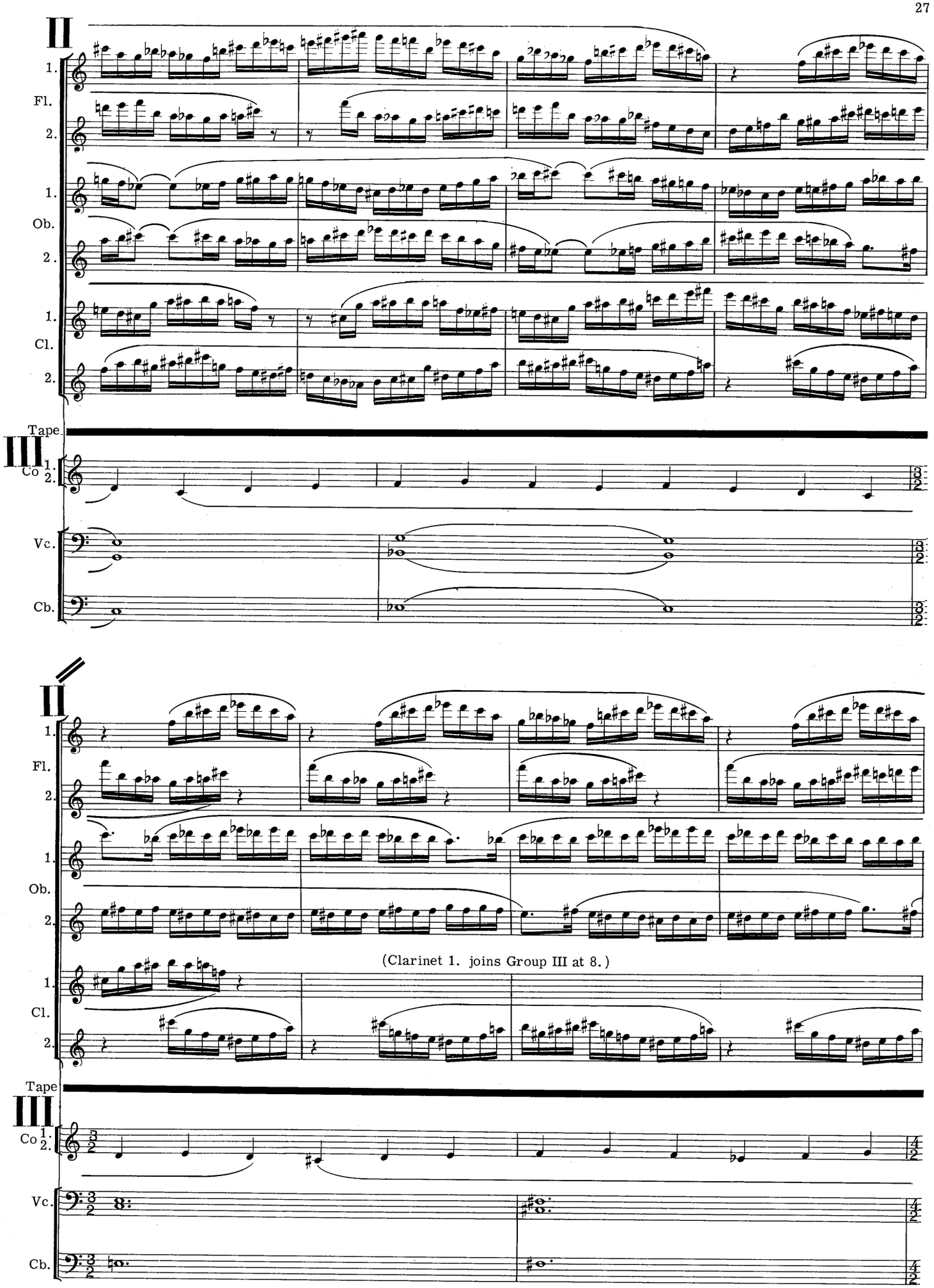

2
II
Fl. 1
mf
Cl. 1.
Tape
I
I
Vl.
II
Vle
II
Fl. 1
Cl. 1
Tape
I
I
Vl.
II
Vle

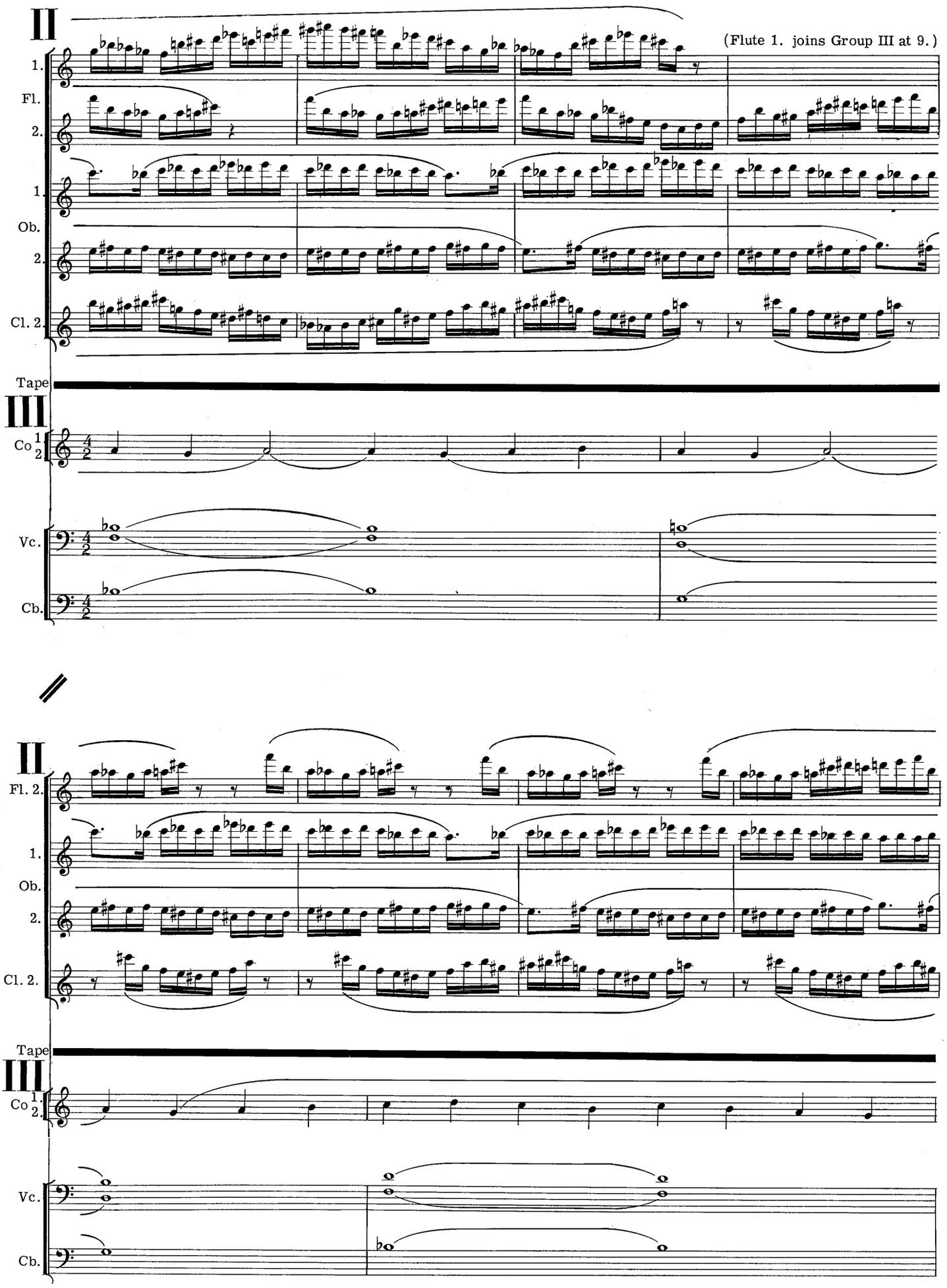

II
3
Fl. 1.
1.
Cl.
2.
mf
Tape
I
I
Vl.
II
Vle
4
II
1.
Fl.
2.
mf
1.
Cl.
2.
Tape
I
I
Vl.
II
Vle

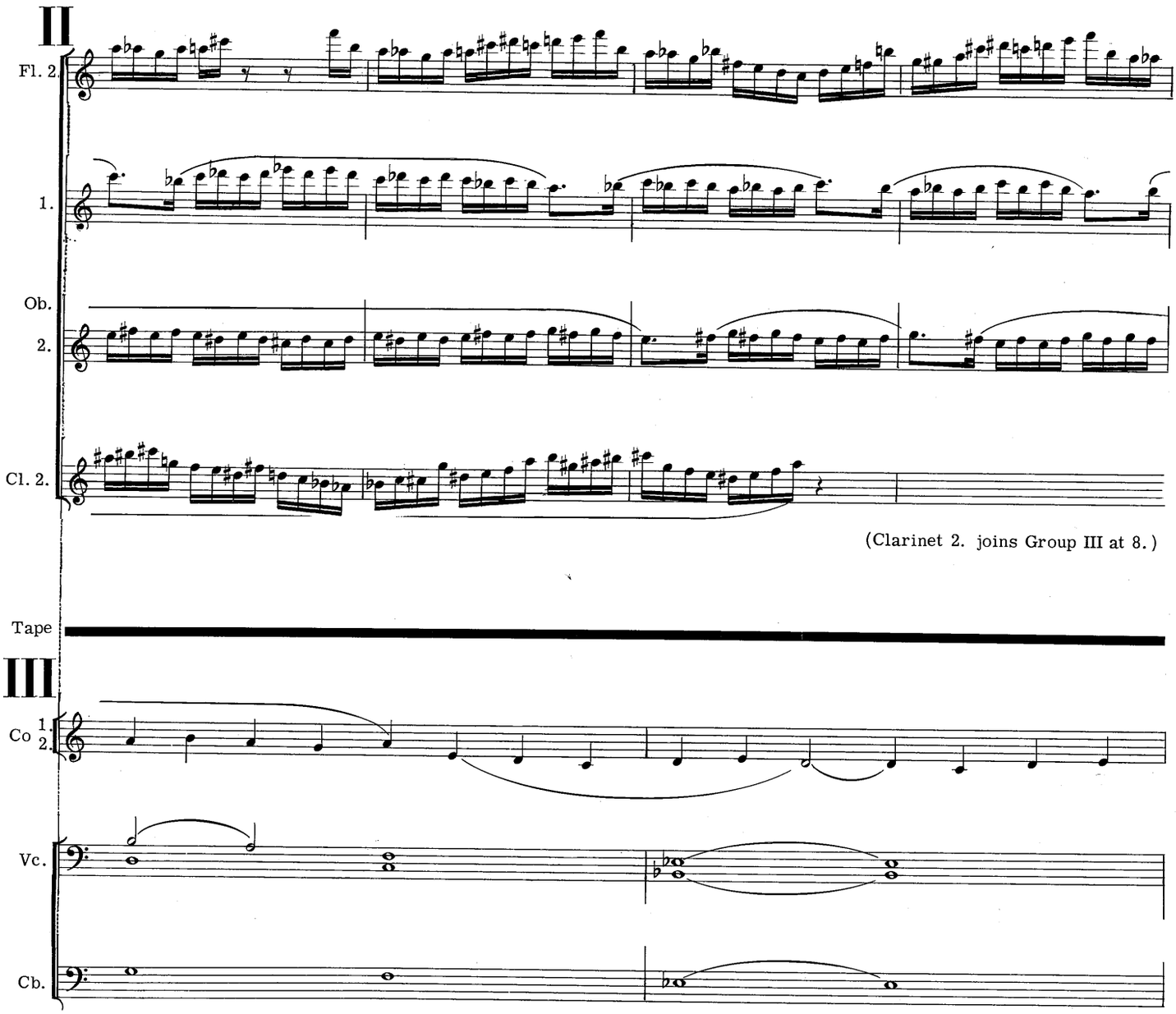

II
1.
Fl.
2.
1.
Cl.
2.
Tape
I
I
Vl.
II
Vle
II
1.
Fl.
2.
1.
Cl.
2.
Tape
I
I
Vl.
II
Vle


5
II
1.
Fl.
2.
1.
Ob.
2.
mf
mf
1.
Cl.
2.
Tape
I
I
Vl.
II
Vle
II
1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Tape
I
I
Vl.
II
Vle


II
6
1.
Fl.
2.
1.
Ob.
2.
1
Cl.
2
Tape
I
I
Vl.
(The violins join Group III at 9.)
II
Vle
(The violas join Group III at 7.)
III
♩ = c. 100
à 2 soli
Co 1.
2.
mf
Vc.
mf
Cb.
mf


II
1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Tape
III
1.
Co
2.
Vc.
Cb.
II
1.
Fl.
2.
1.
Ob.
2.
(Clarinet 1. joins Group III at 8.)
1.
Cl.
2.
Tape
III
1.
Co
2.
Vc.
Cb.


II
(Flute 1. joins Group III at 9.)
1.
Fl.
2.
1.
Ob.
2.
Cl. 2.
Tape
III
Co 1
2
Vc.
Cb.
II
Fl. 2.
1.
Ob.
2.
Cl. 2.
Tape
III
Co 1
2.
Vc.
Cb.


II
Fl. 2.
1.
Ob.
2.
Cl. 2.
(Clarinet 2. joins Group III at 8.)
Tape
III
Co 1
2.
Vc.
Cb.

7

II

Fl. 2.

1.

Ob.

2.

tr *tr* *tr* *tr*

pp

pp

IV

♩ = c. 100

Celesta

f

8va

♩ = c. 100

Arpa

f

Rhytmical exactness inside this group is not necessary.

(Repeat until 10, on page 35.)

Tape

2' 40''

III

Fa 1. 2.

mf

1.

Co

2.

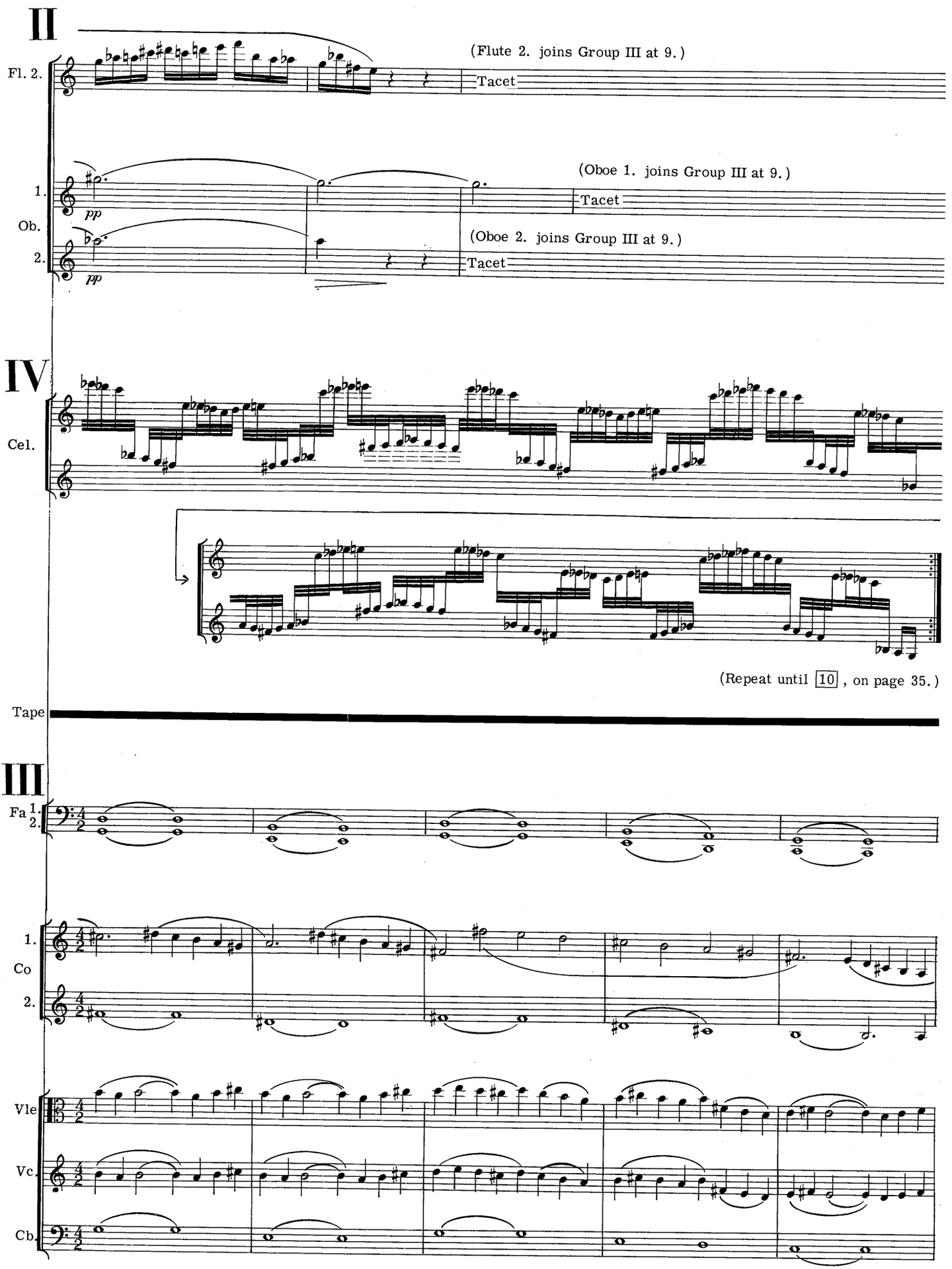
Vle

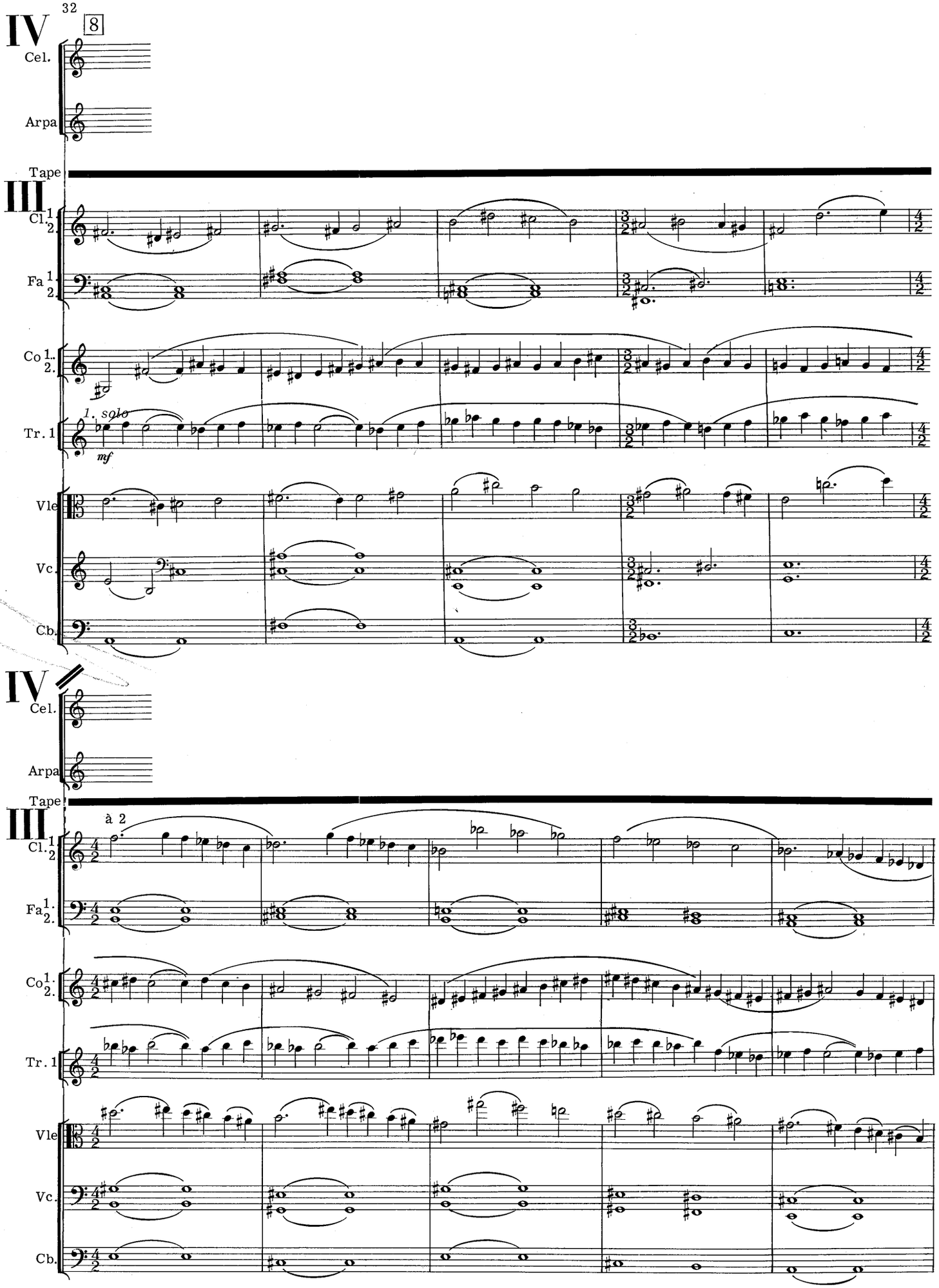
mf

Vc.

mf

Cb.


II
Fl. 2.
(Flute 2. joins Group III at 9.)
Tacet
1.
Ob.
2.
pp
pp
(Oboe 1. joins Group III at 9.)
Tacet
(Oboe 2. joins Group III at 9.)
Tacet
IV
Cel.
(Repeat until 10, on page 35.)
Tape
III
Fa 1.
2.
1.
Co
2.
Vle
Vc.
Cb.


IV
8
Cel.
Arpa
Tape
III
Cl. 1.
2.
Fa 1.
2.
Co 1.
2.
Tr. 1
1. solo
mf
Vle
Vc.
Cb.
IV
Cel.
Arpa
Tape
III
à 2
Cl. 1.
2.
Fa 1.
2.
Co 1.
2.
Tr. 1
Vle
Vc.
Cb.

9

Poco meno mosso

IV

Cel.

Arpa

Tape

III

à 2

Fl. 1. 2.

Ob. 1. 2.

Cl. 1. 2.

Fa 1. 2.

Co 1. 2.

Tr. 1.

Trb.

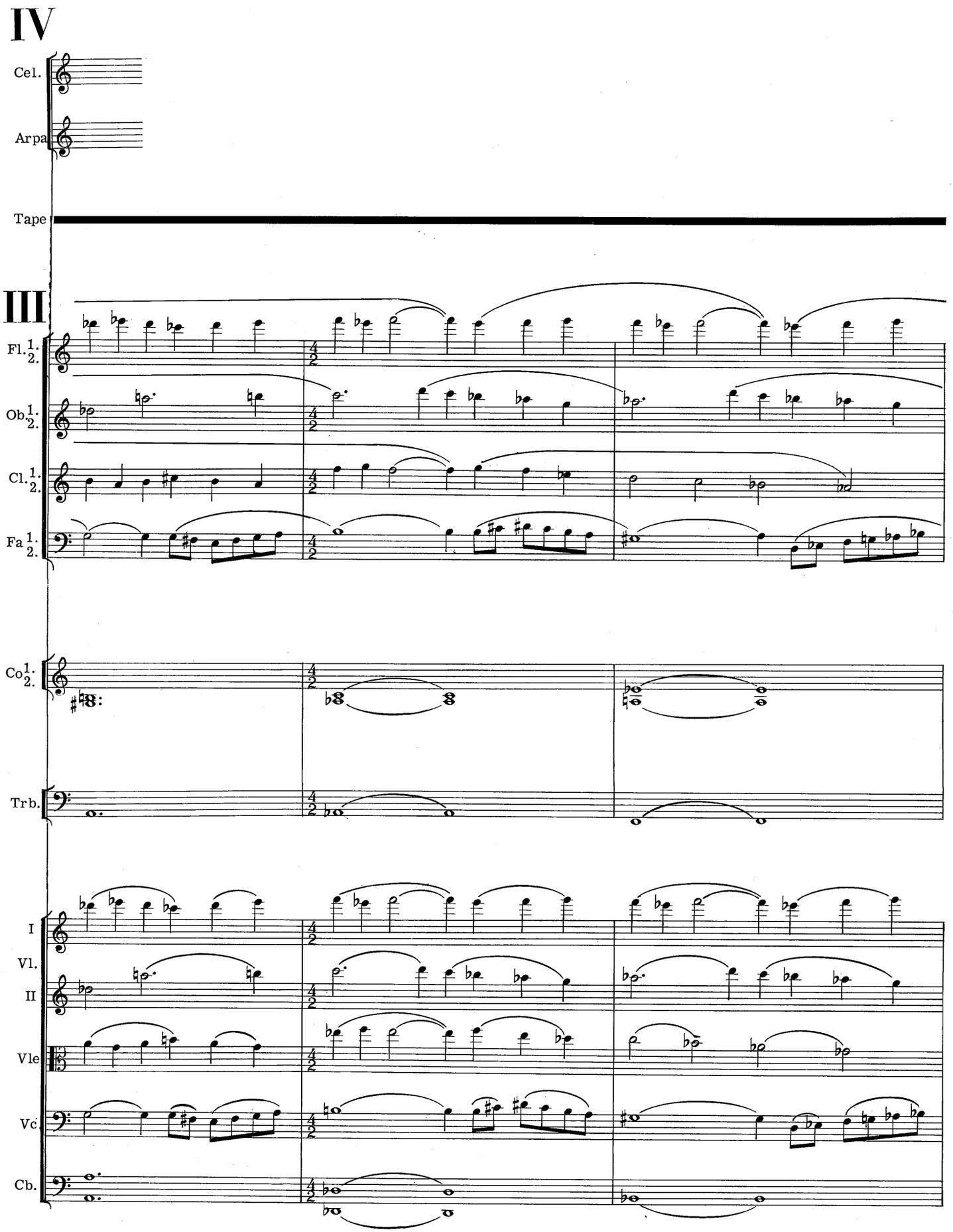
I Vl. II

Vle

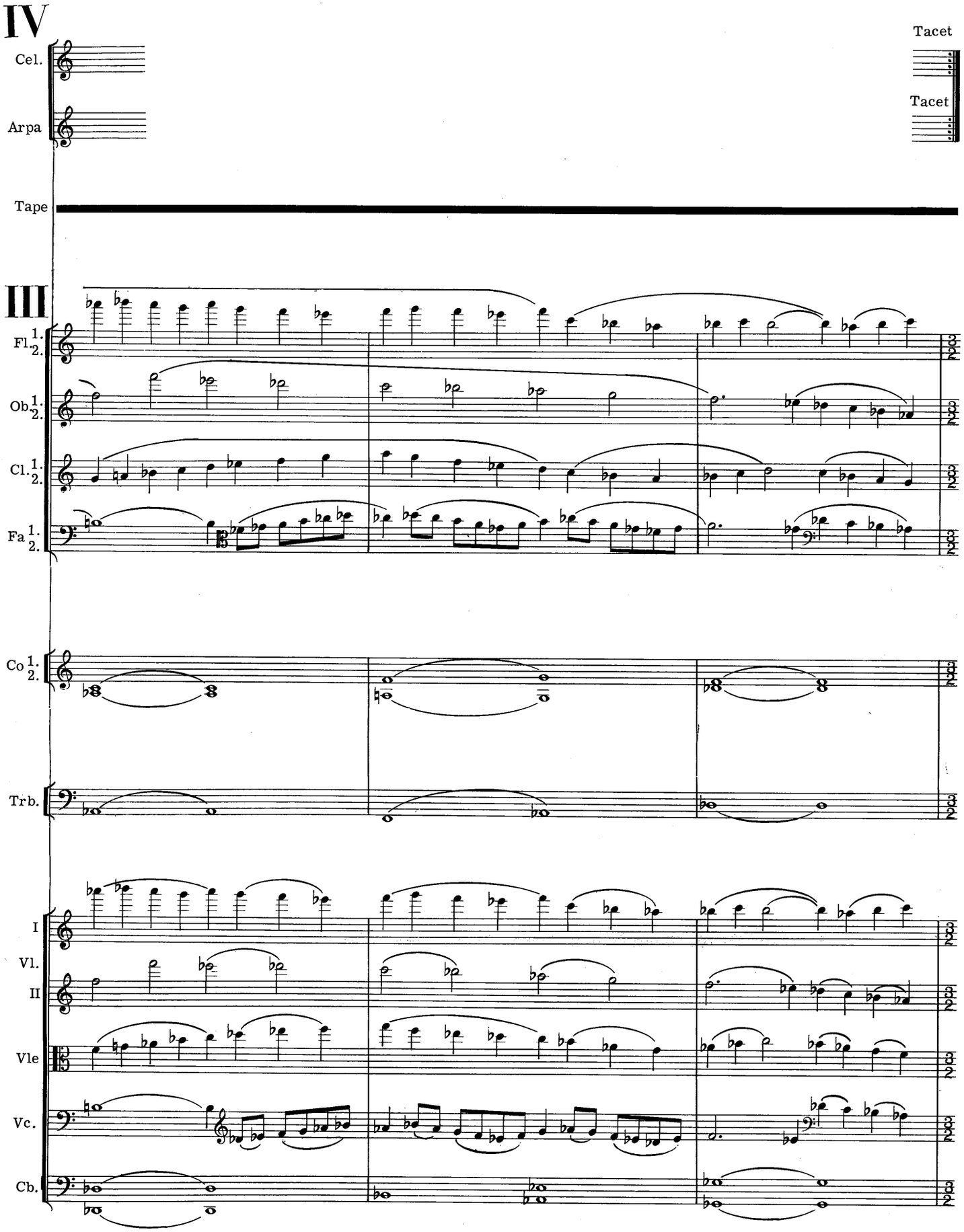
Vc.

Cb.

mf

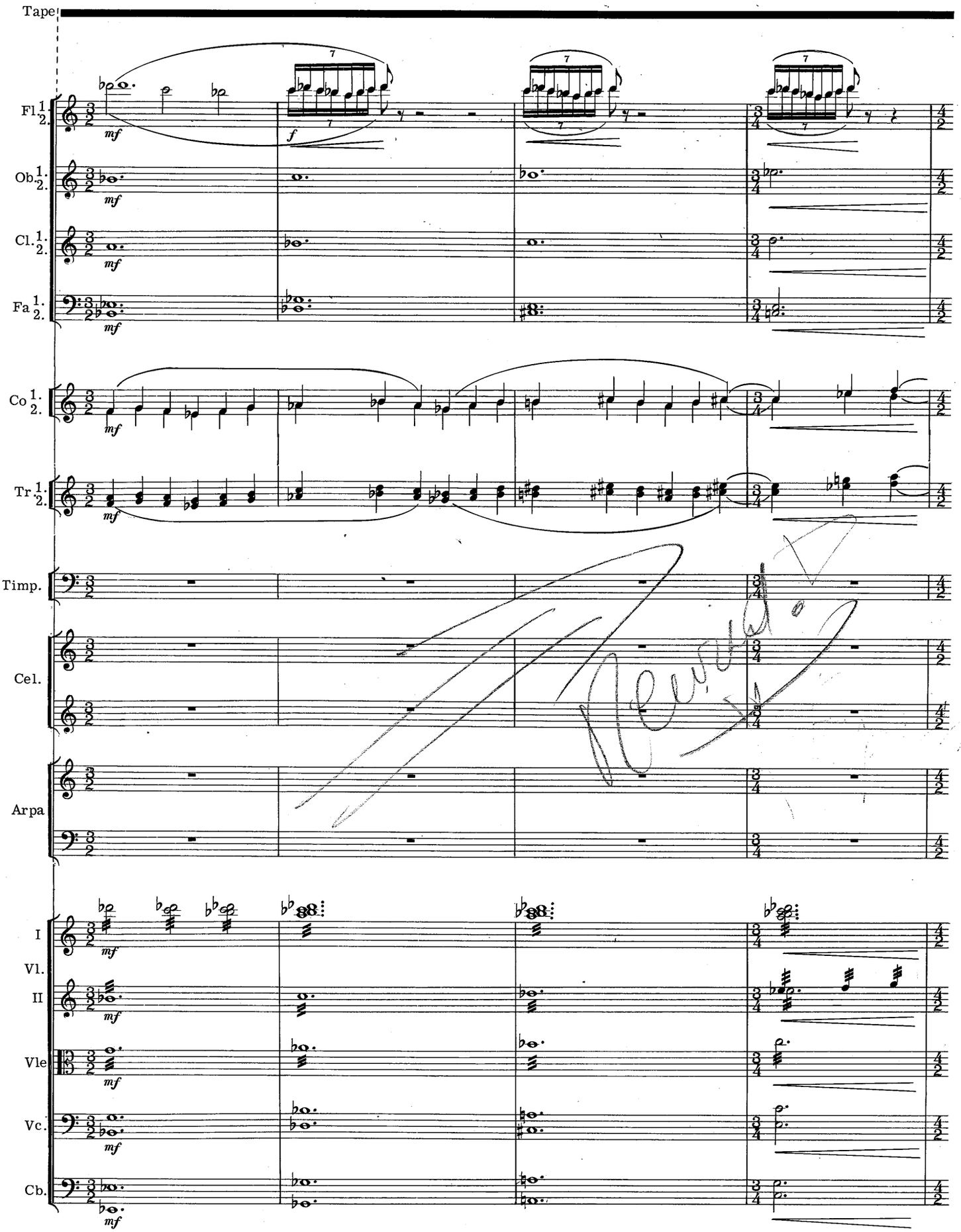

IV
Cel.
Arpa
Tape
III
Fl. 1. 2.
Ob. 1. 2.
Cl. 1. 2.
Fa 1. 2.
Co 1. 2.
Trb.
I
Vl.
II
Vle
Vc
Cb.

Teken (K →)


IV
Cel.
Arpa
Tacet
Tacet
Tape
III
Fl. 1. 2.
Ob. 1. 2.
Cl. 1. 2.
Fa 1. 2.
Co 1. 2.
Trb.
I
Vl.
II
Vle
Vc.
Cb.

Tehen LUC . . .

10


Tape
Fl. 1. 2.
Ob. 1. 2.
Cl. 1. 2.
Fa 1. 2.
Co 1. 2.
Tr 1. 2.
Timp.
Cel.
Arpa
I Vl.
II
Vle
Vc.
Cb.
mf
f

TIME X 99

11

1. Fl. 2. 1. Ob. 2. 1. Cl. 2. Fa 1. 2. Co 1. 2. Tr 1. 2. Trb. Piatti Tape Timp. (ad. lib.) Cel. Arpa I Vl. II Vle Vc. Cb.

f *mf* *ff*

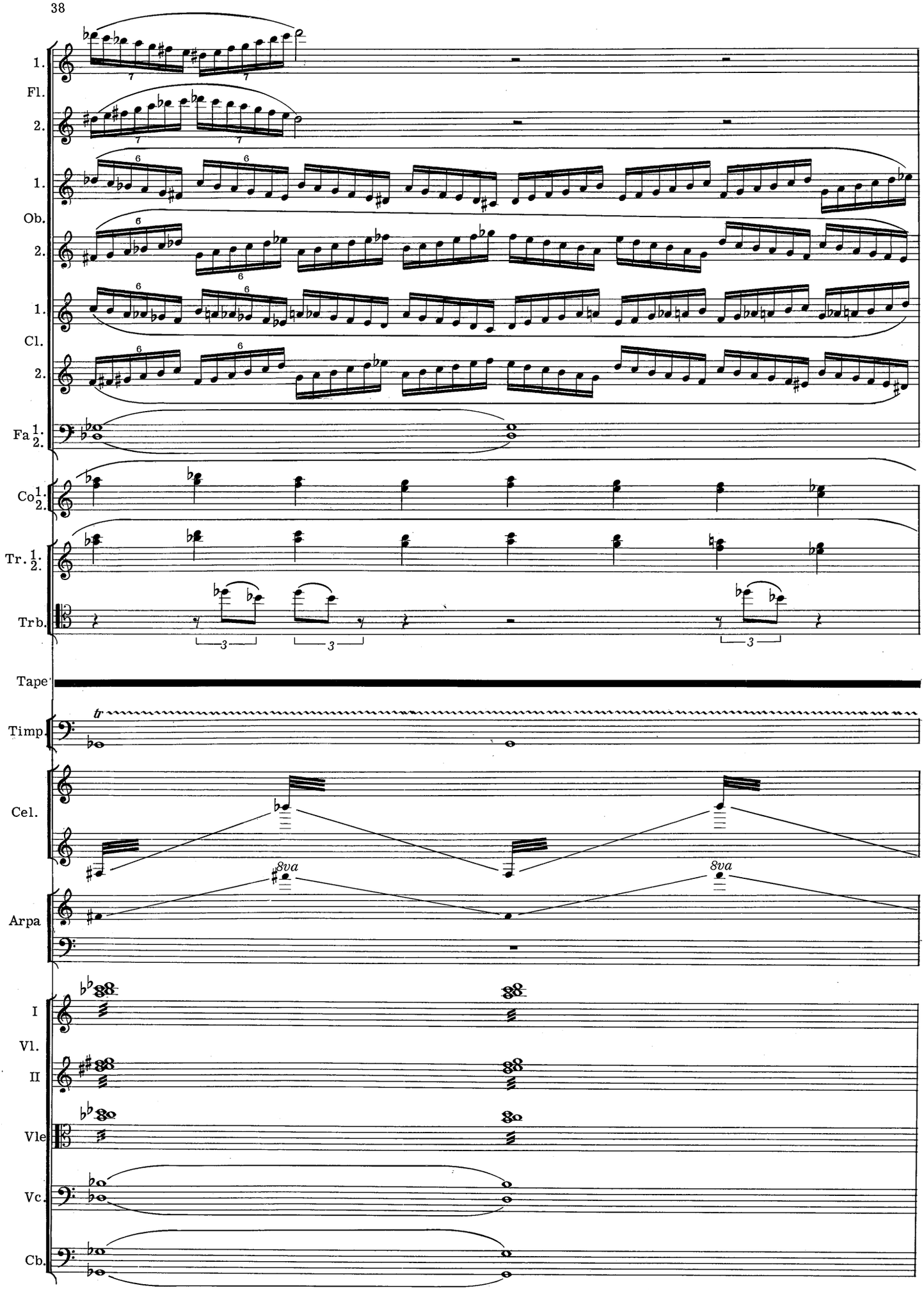
con sord.

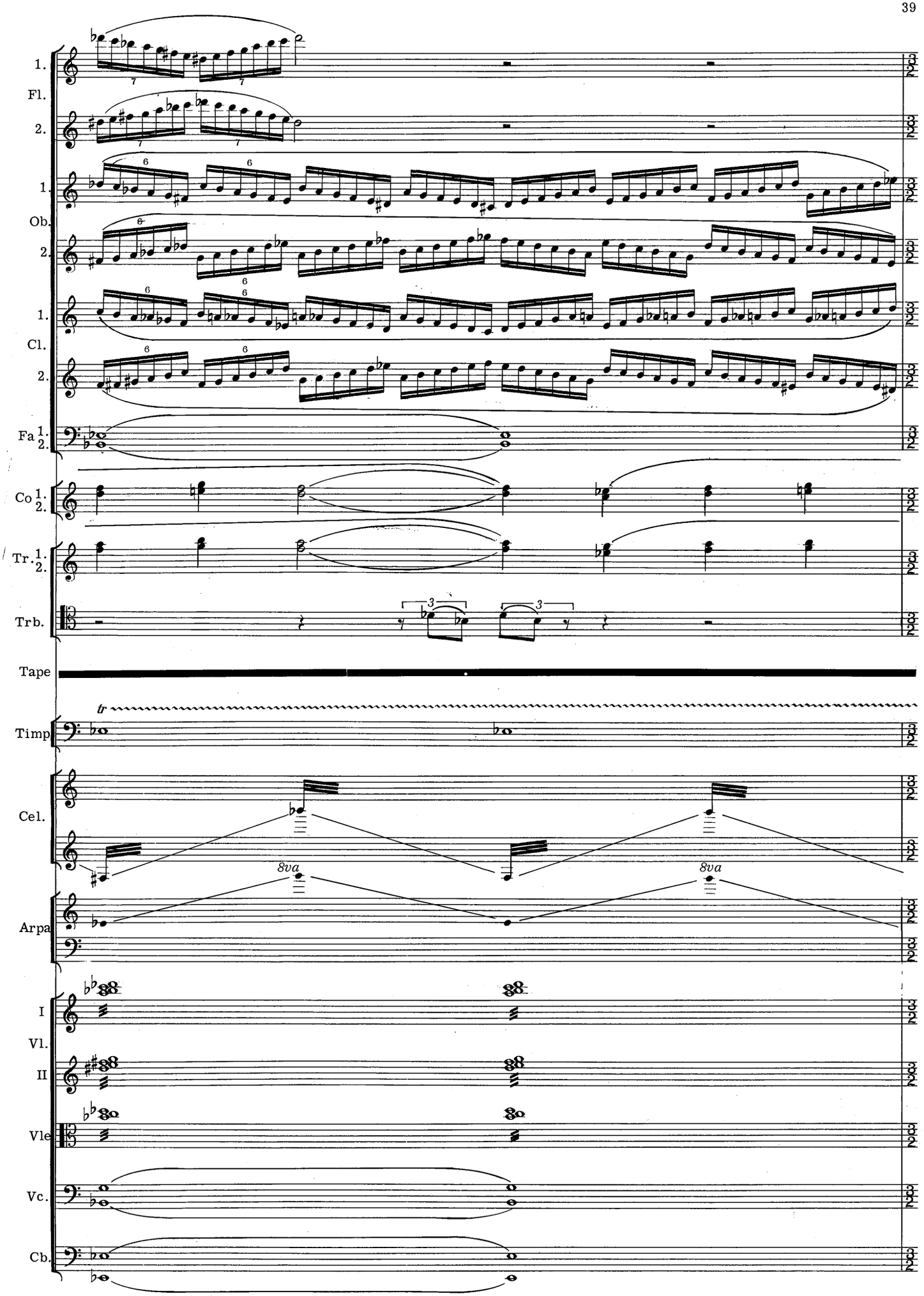
(Imitate the swans.)

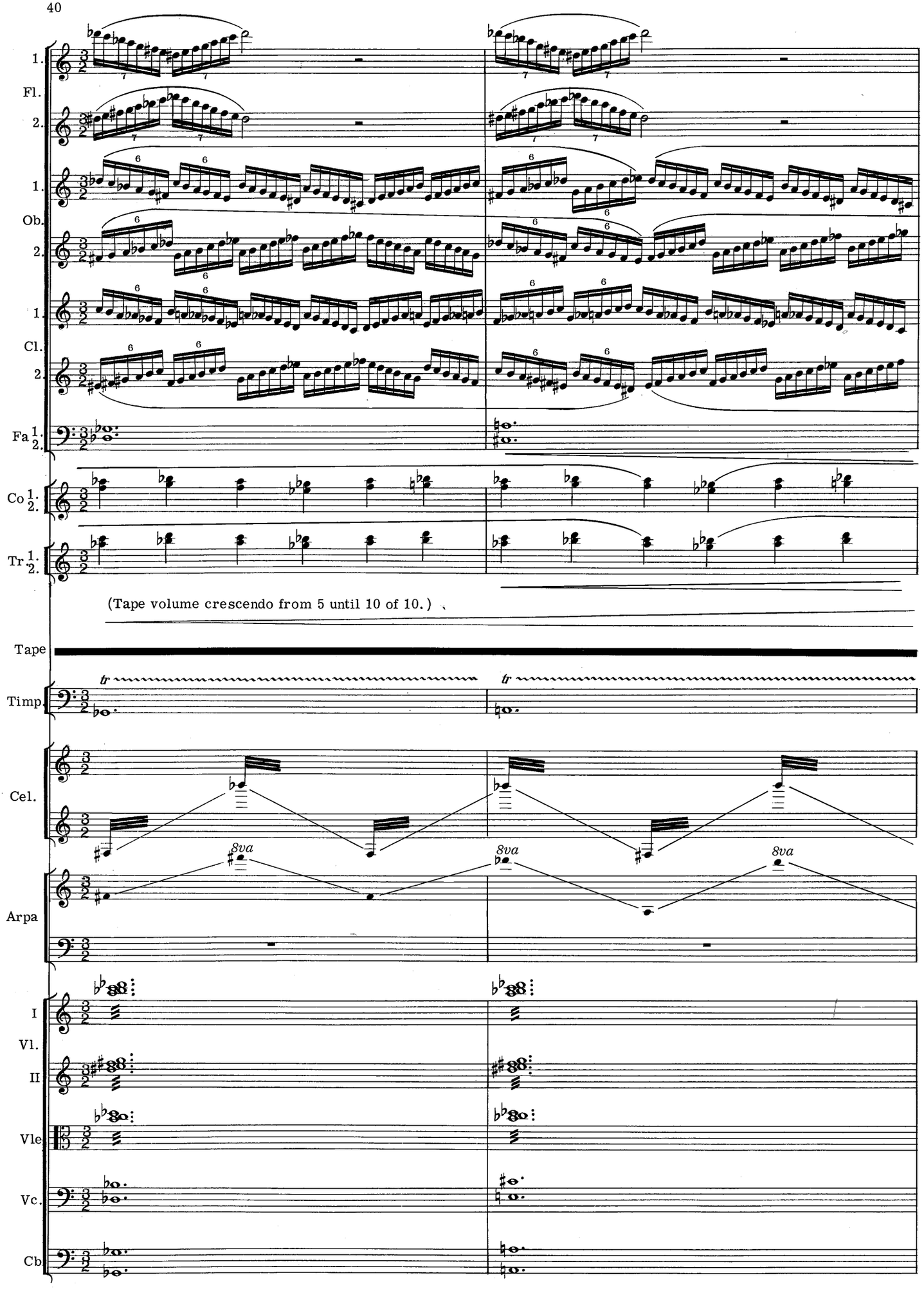
tr

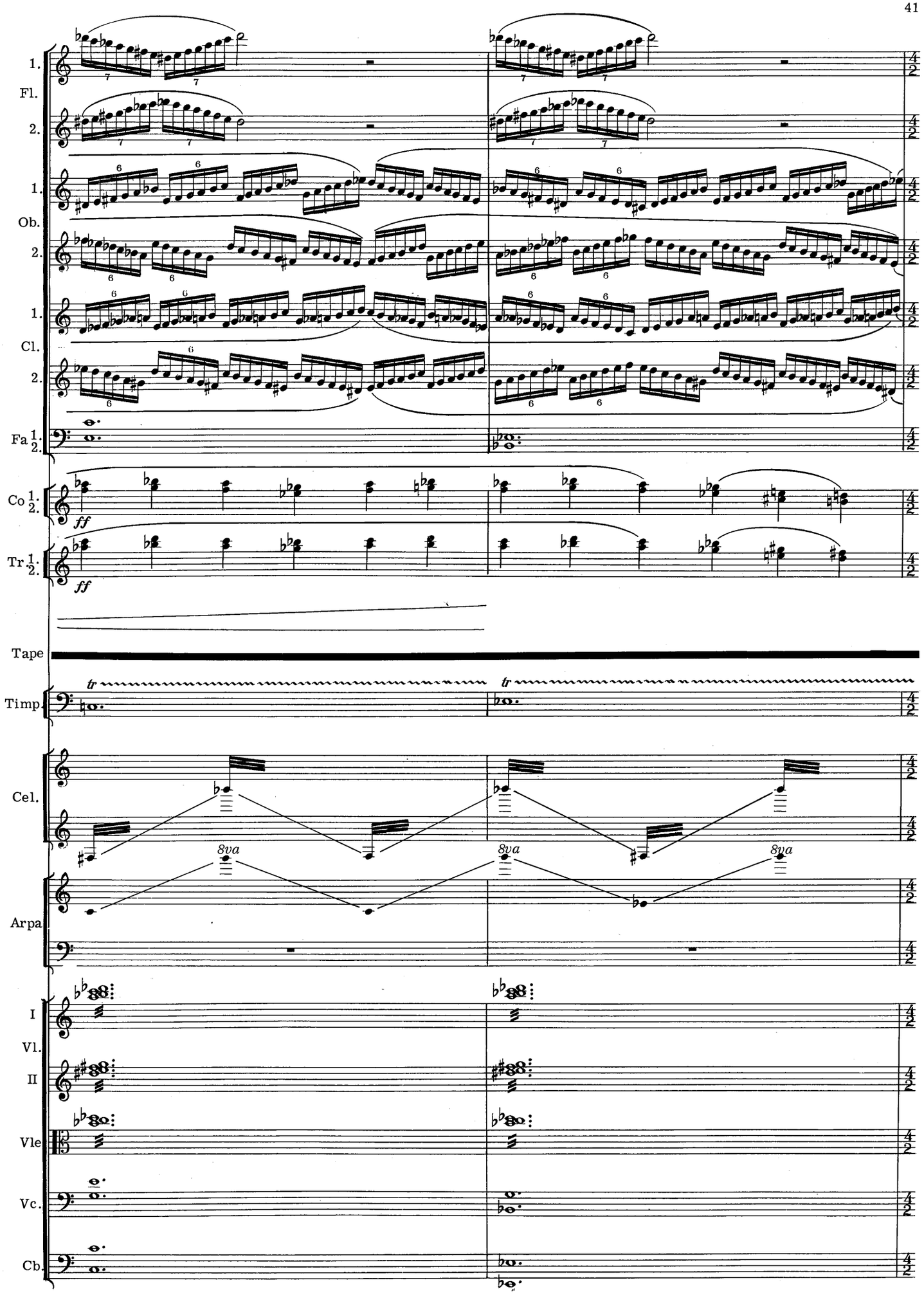
simile

8va


1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Fa 1. 2.
Co 1. 2.
Tr. 1. 2.
Trb.
Tape
Timp.
tr
Cel.
8va
8va
Arpa
I
Vl.
II
Vle
Vc.
Cb.


1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Fa 1.
2.
Co 1.
2.
Tr. 1.
2.
Trb.
Tape
tr
Timp
Cel.
8va
8va
Arpa
I
Vl.
II
Vle
Vc.
Cb.


1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Fa 1.
2.
Co 1.
2.
Tr 1.
2.
(Tape volume crescendo from 5 until 10 of 10.)
Tape
Timp.
tr
tr
Cel.
Arpa
8va
8va
8va
I
Vl.
II
Vle
Vc.
Cb


1.
Fl.
2.
1.
Ob.
2.
1.
Cl.
2.
Fa 1.
2.
Co 1.
2.
ff
Tr 1.
2.
ff
Tape
Timp.
tr
tr
Cel.
8va
8va
8va
Arpa
I
Vl.
II
Vle
Vc.
Cb.

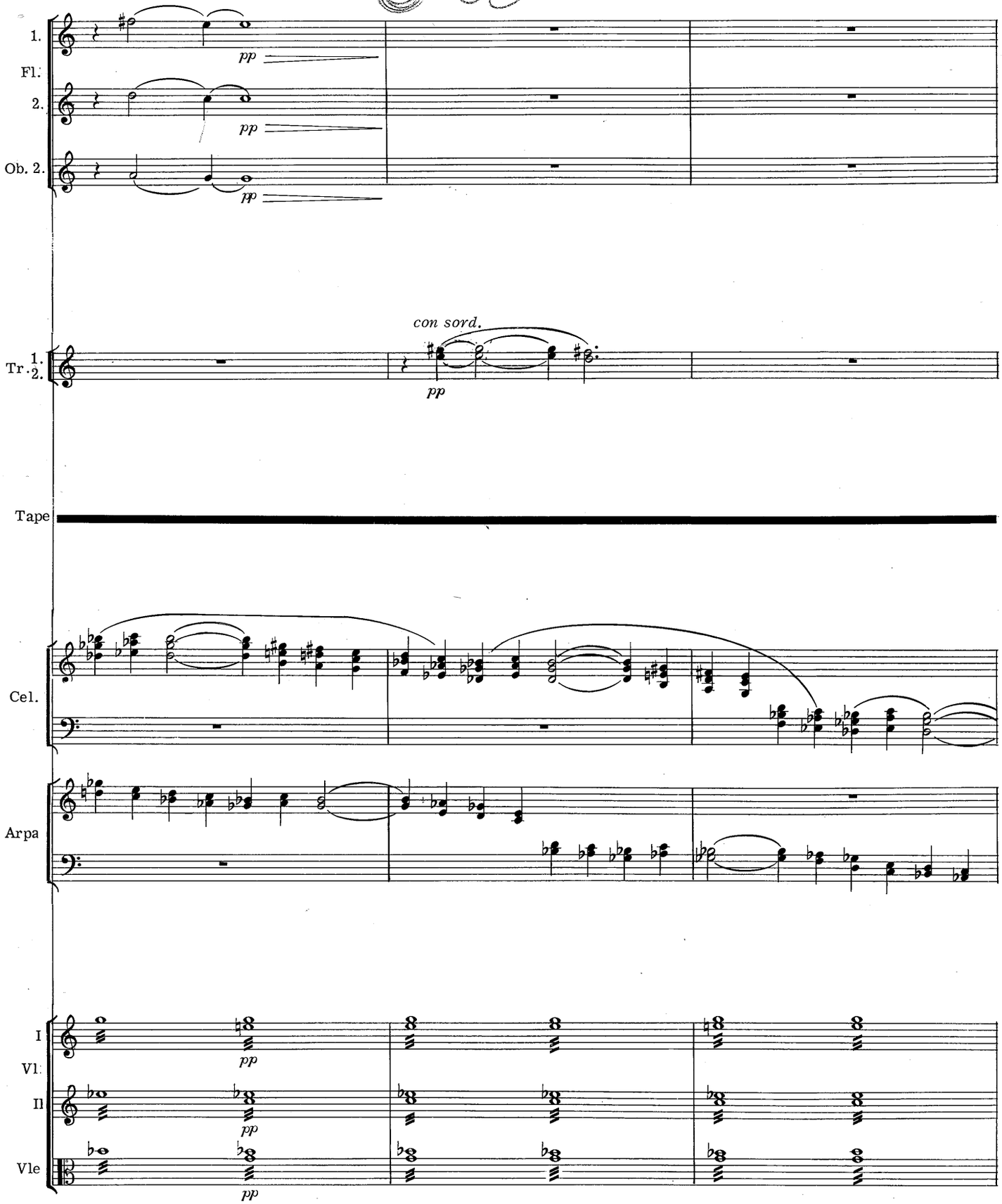
12

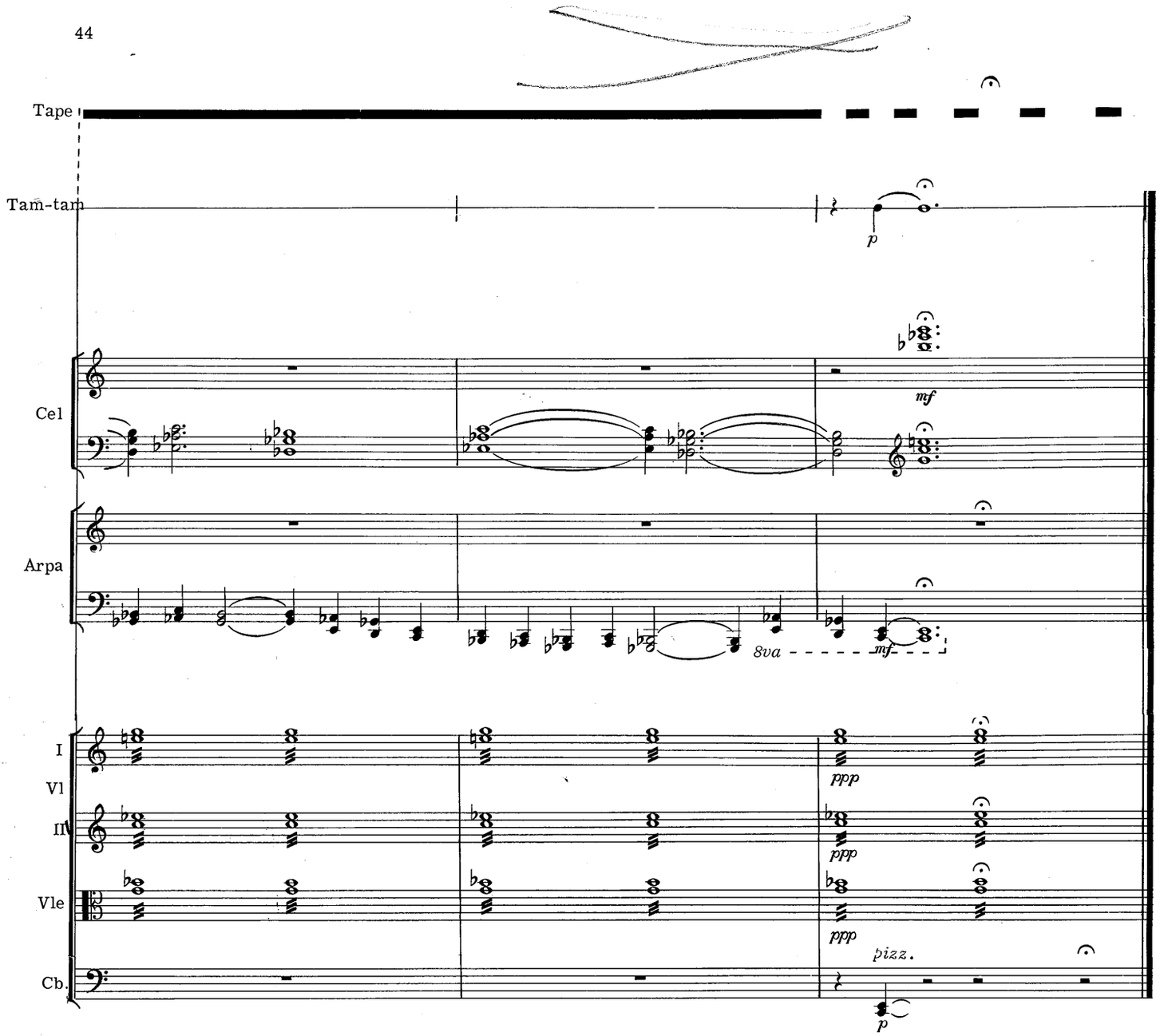
1. Fl.
2. Fl.
1. Ob.
2. Ob.
1. Cl.
2. Cl.
Fa 1. 2.
Co 1. 2.
Trb.

(Tape volume diminuendo from 10 to 5 of 10.)

Tape
Tam-tam
Timp
Cel.
Arpa
I Vl
II Vl
Vle
Vc.
Cb.

TDO CHECHÉN!
0'00




Tape
Tam-tam
p
Cel
mf
Arpa
8va
mf
I
Vl
II
Vle
Cb.
ppp
ppp
ppp
pizz.
p