reflections
inga chinilina

duration 6’00’’

Instrumentation

Bass Flute
Bass Clarinet
Percussion (timpani: 29'', 32''; vibraphone)
Violin
Cello

Performance direction

All changes from air to pitch go gradually. Please, contact me at **ichinilina@gmail.com** with any questions

Bass Flute

Multiphonic overview: http://explore-ensemble.com/bass-flute-multiphonics

In this piece I use the following (links are given in order of appearance in the scores)
(m.35) http://explore-ensemble.com/bflm2
(m.58, m.71) http://explore-ensemble.com/bflm1
(m.83) http://explore-ensemble.com/bflm5

Strings

Subharmonic— "a pitch below the fundamental frequency of a string"[1]
"Requires high bow pressure and a very consistent bow speed at the lower end of 'normal' playing. In general they are easier to produce when the point of contact is not very close to the bridge. It is very difficult to sustain the tone, which often has a high

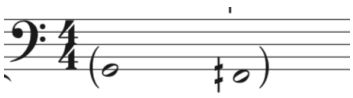
[1] http://www.cellomap.com/index/the-string/plucking-striking-and-bowing-the-string/how.html

noise component.” (cellomap) The sounding result likely will be a 7th lower but also can vary.

Timpani (superball, possible to use mallets for tremolo)

I, II, III, IV	String numbers
	A circle above the note indicates natural harmonics.
	Harmonic vibrato, the sounding result will include nearby harmonics.
	On the bridge
	Subharmonic, notation indicates the string resulting sound differs.

Timpani (32’’ and 29’’)



Tune 32’’ to flute as in measure 58.

How to use superball on timpani:
https://www.youtube.com/watch?v=-HD0_3VeD5k

Vibraphone (brushes, bow, mallets)

Sliding technique produced by hitting vibraphone with soft yarn mallet for the stroke and immediately sliding hard mallet for pitch alteration, motor is on.

You may want to check out André Cayer - Vibraphone - Method of bending tone (2014)
https://www.youtube.com/watch?v=KyHSZ71bnxk

Score in C

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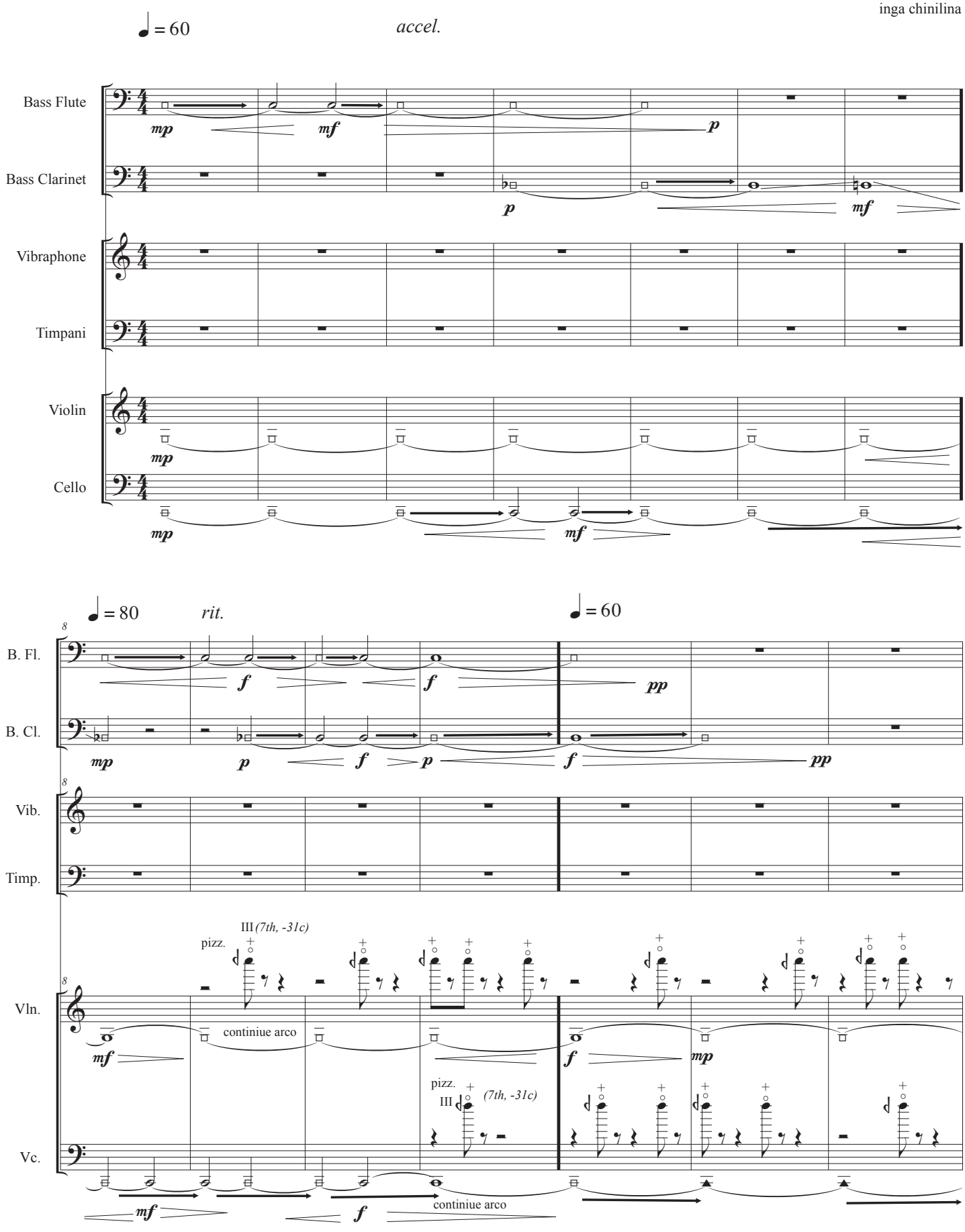
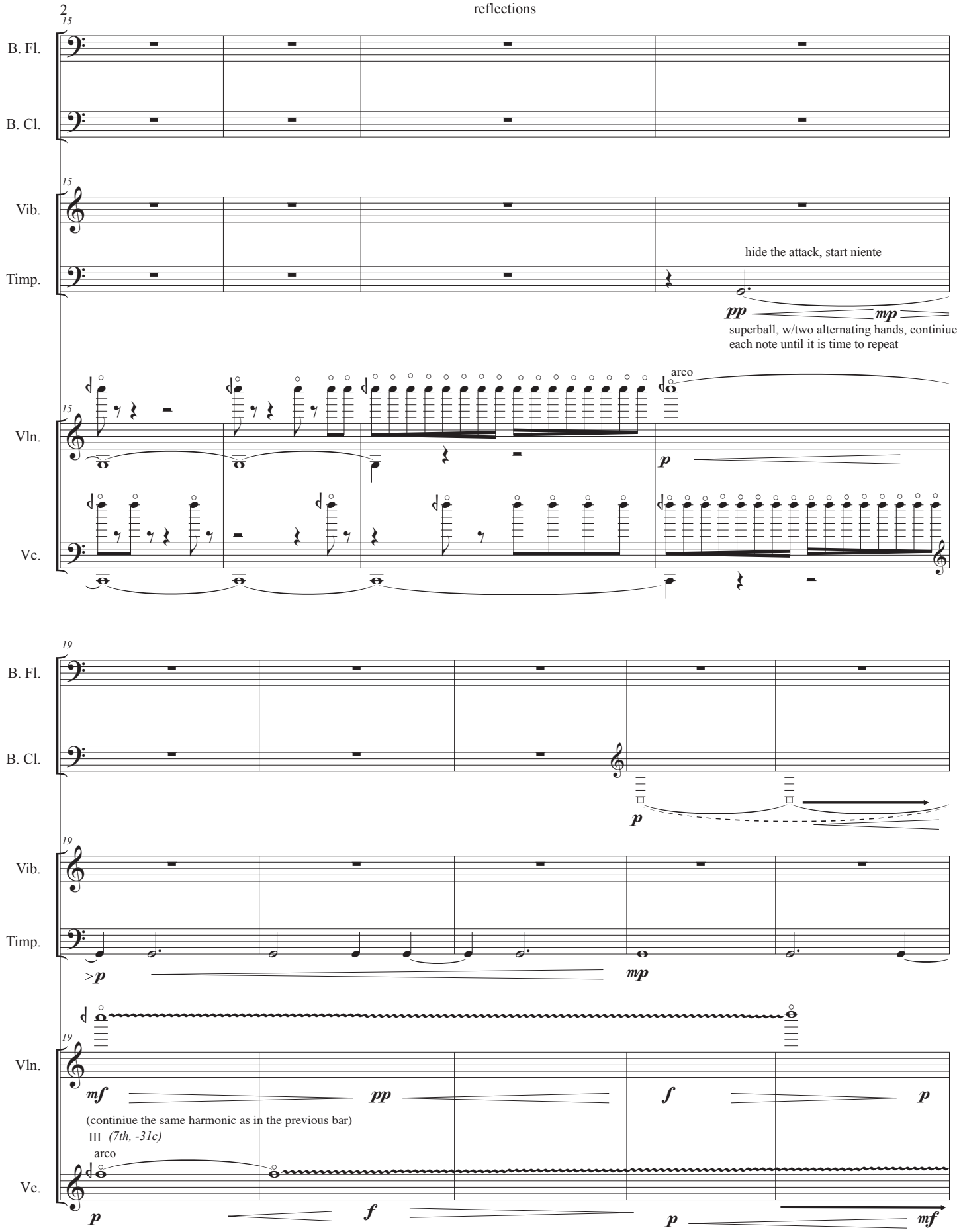
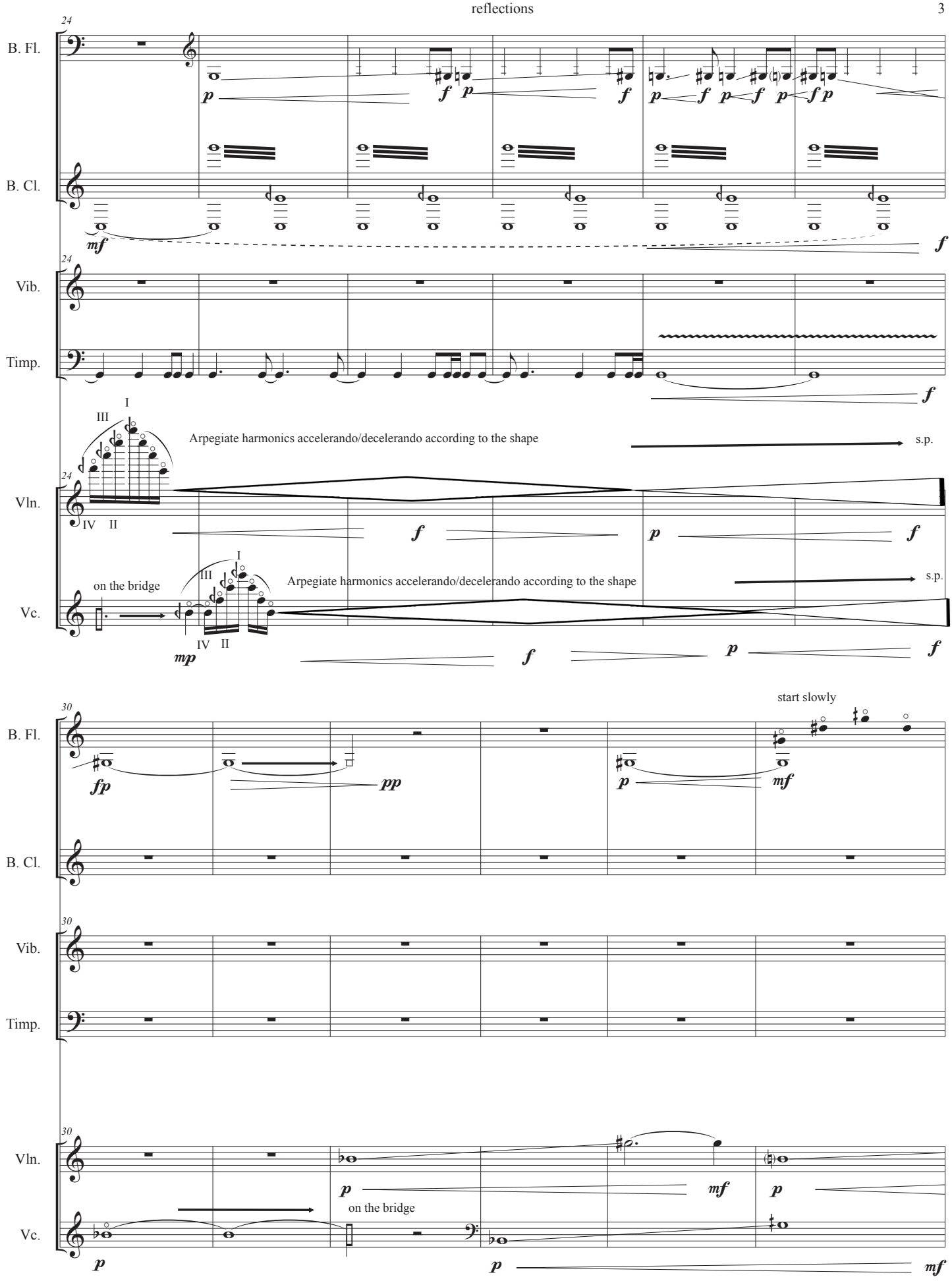
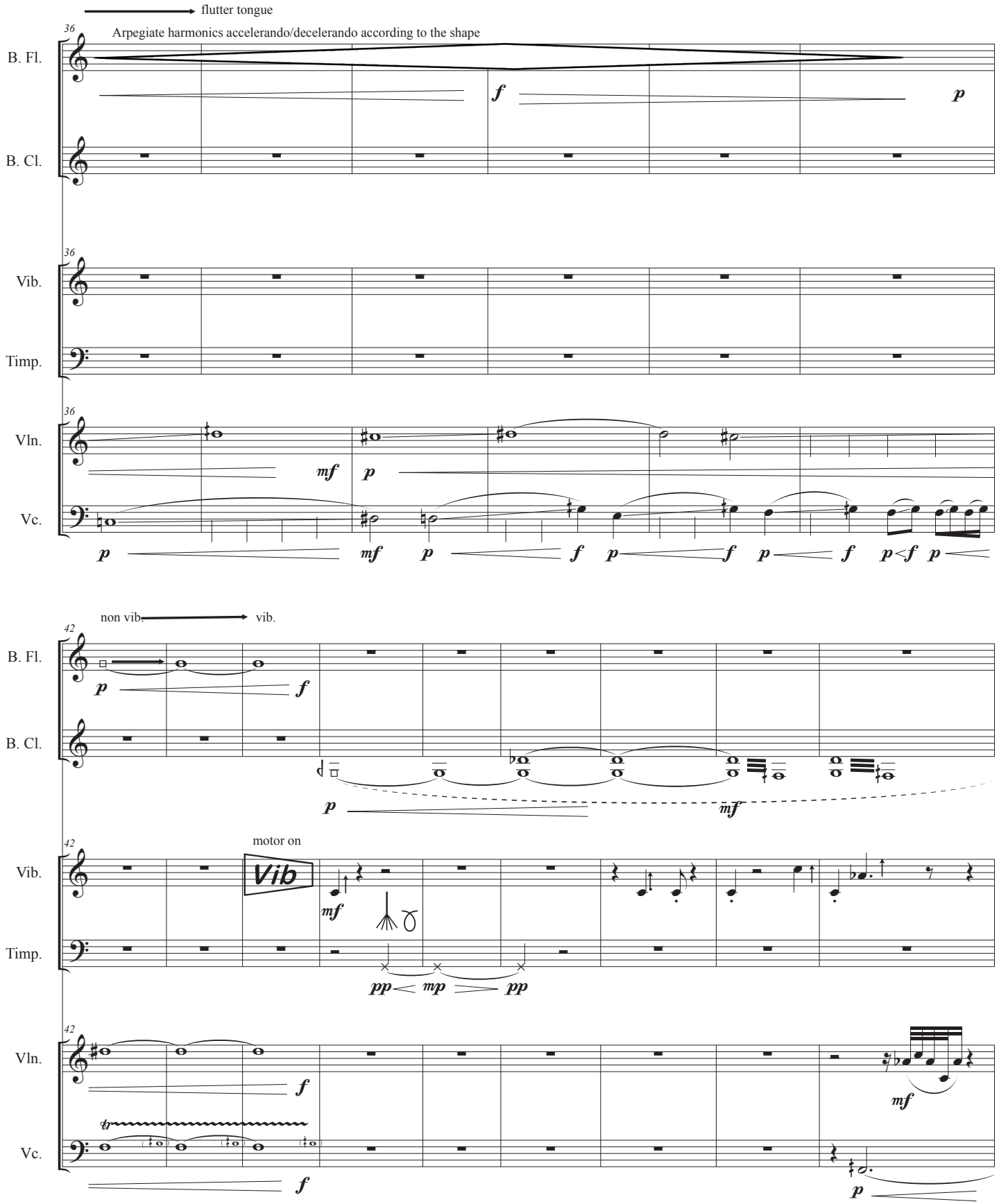
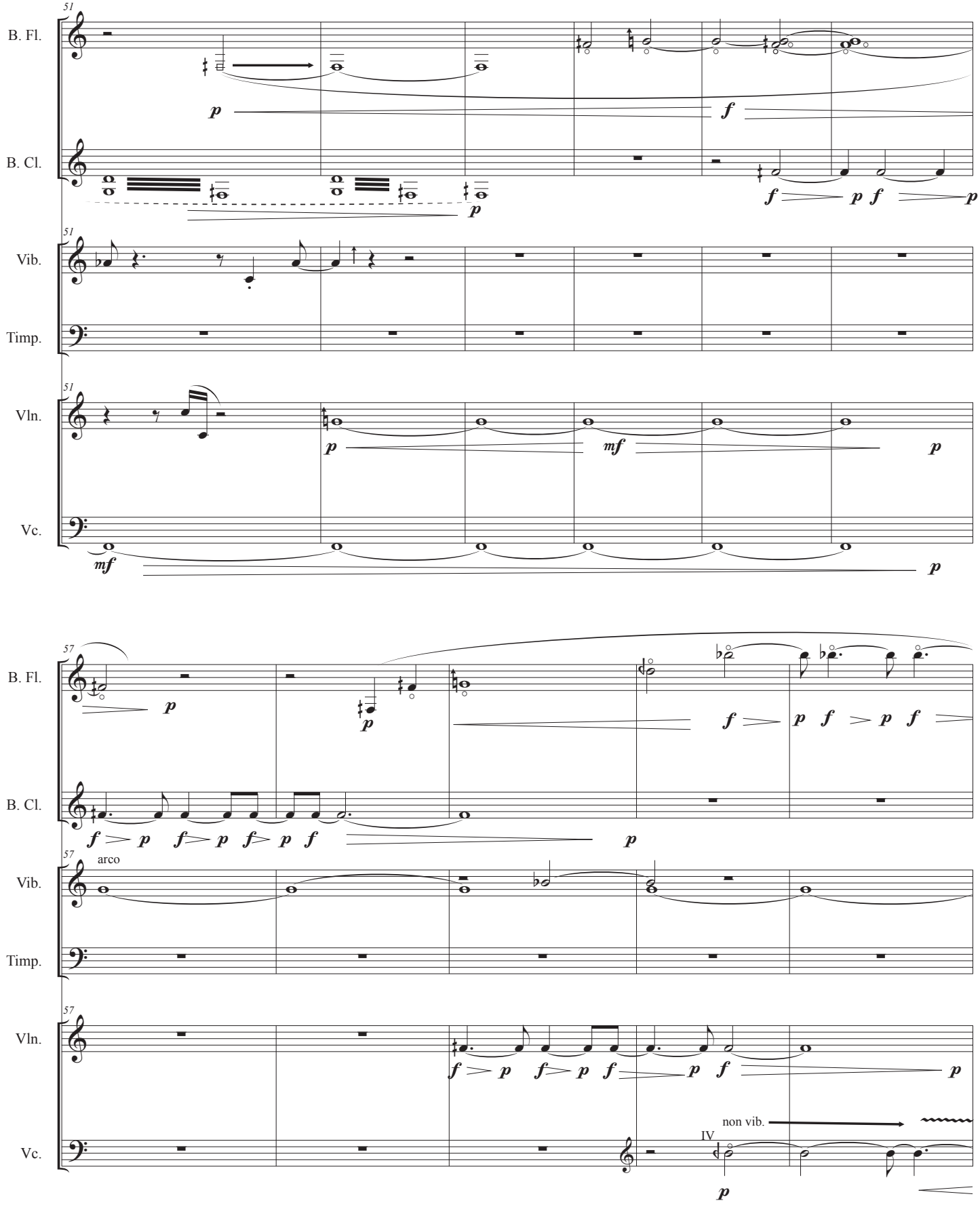
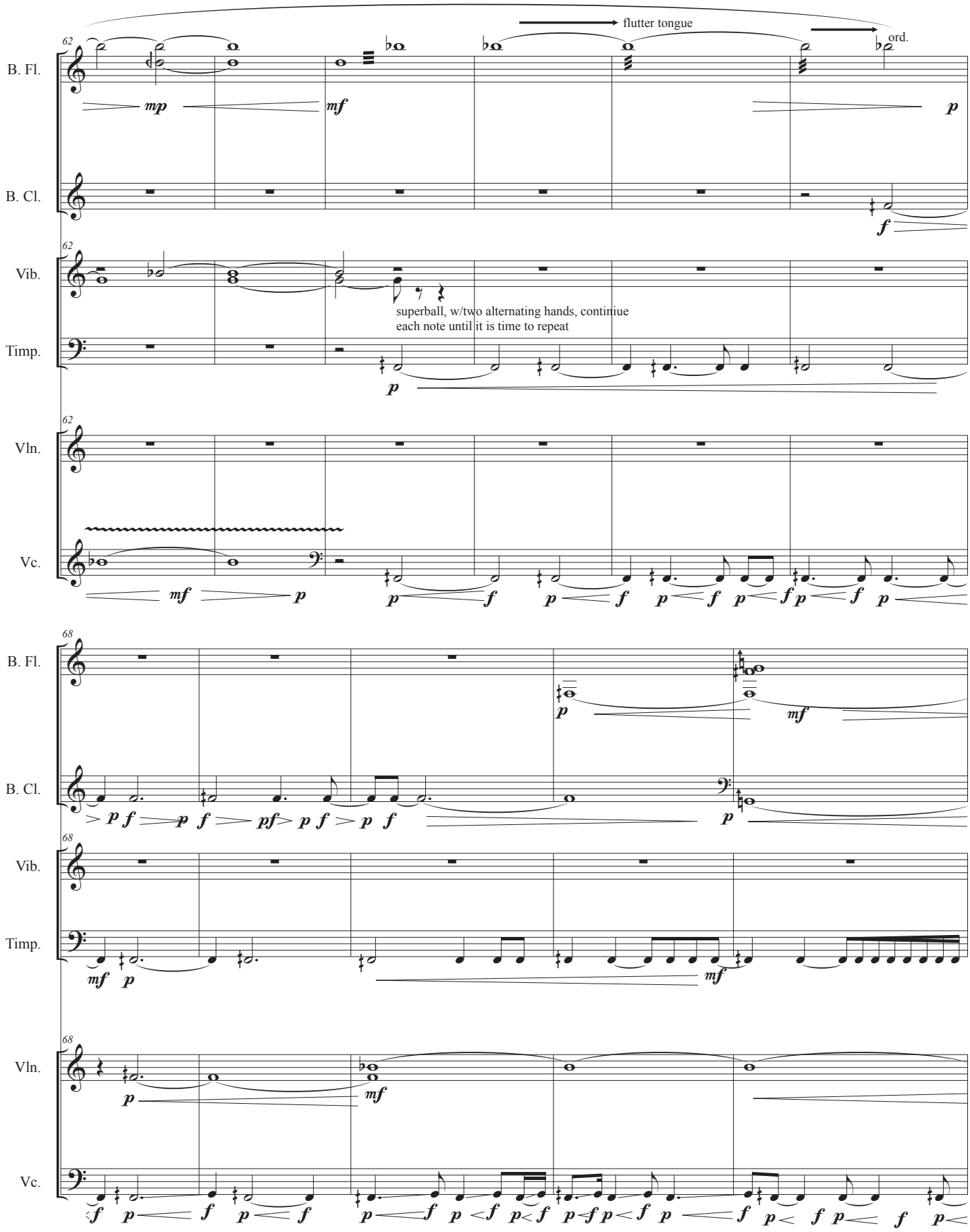


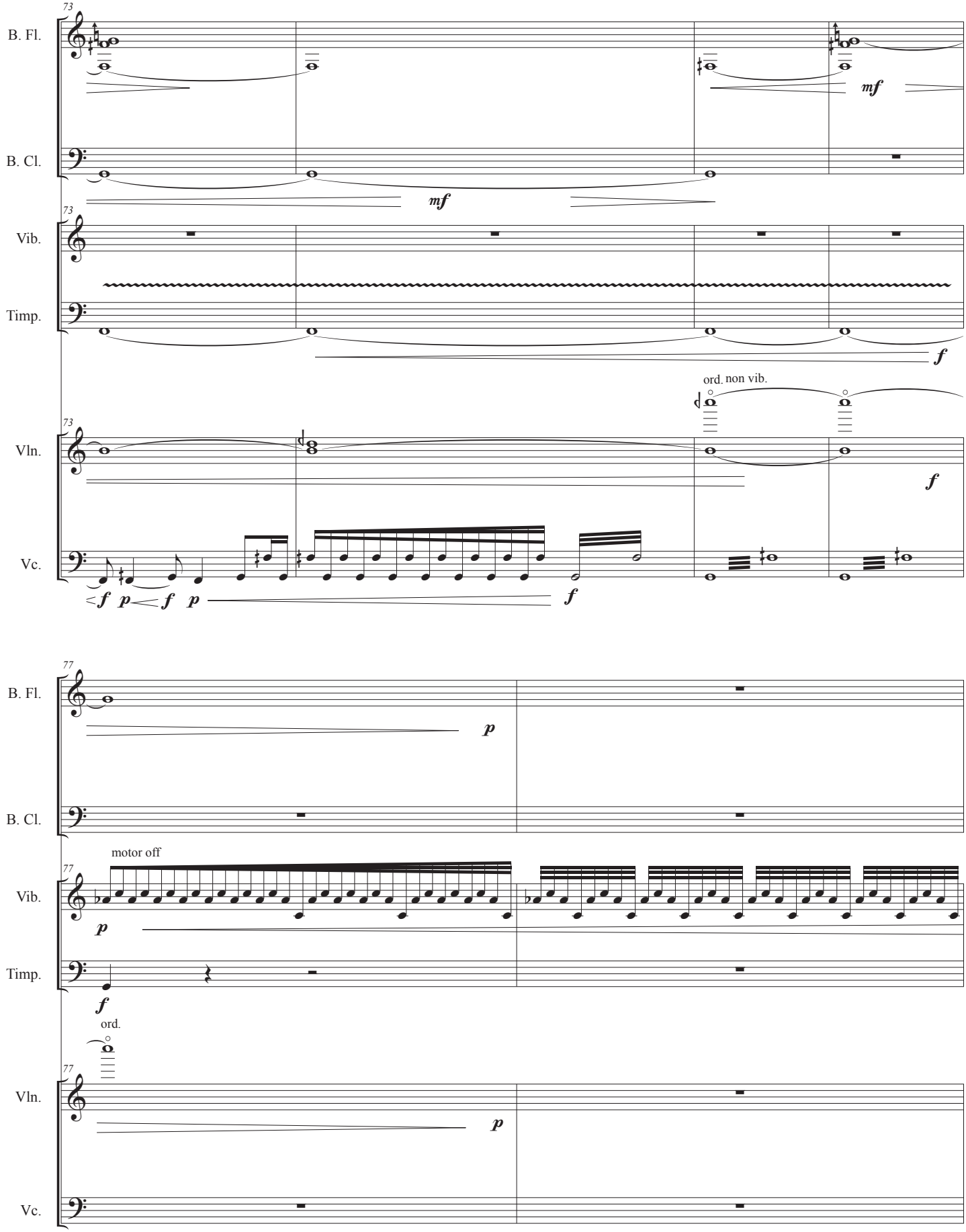

15
B. Fl.
B. Cl.
Vib.
Timp.
hide the attack, start niente
pp
mp
superball, w/two alternating hands, continiue
each note until it is time to repeat
Vln.
Vc.
arco
p
19
B. Fl.
B. Cl.
p
Vib.
Timp.
>p
mp
Vln.
mf
pp
f
p
(continiue the same harmonic as in the previous bar)
III (7th, -31c)
arco
Vc.
p
f
p
mf

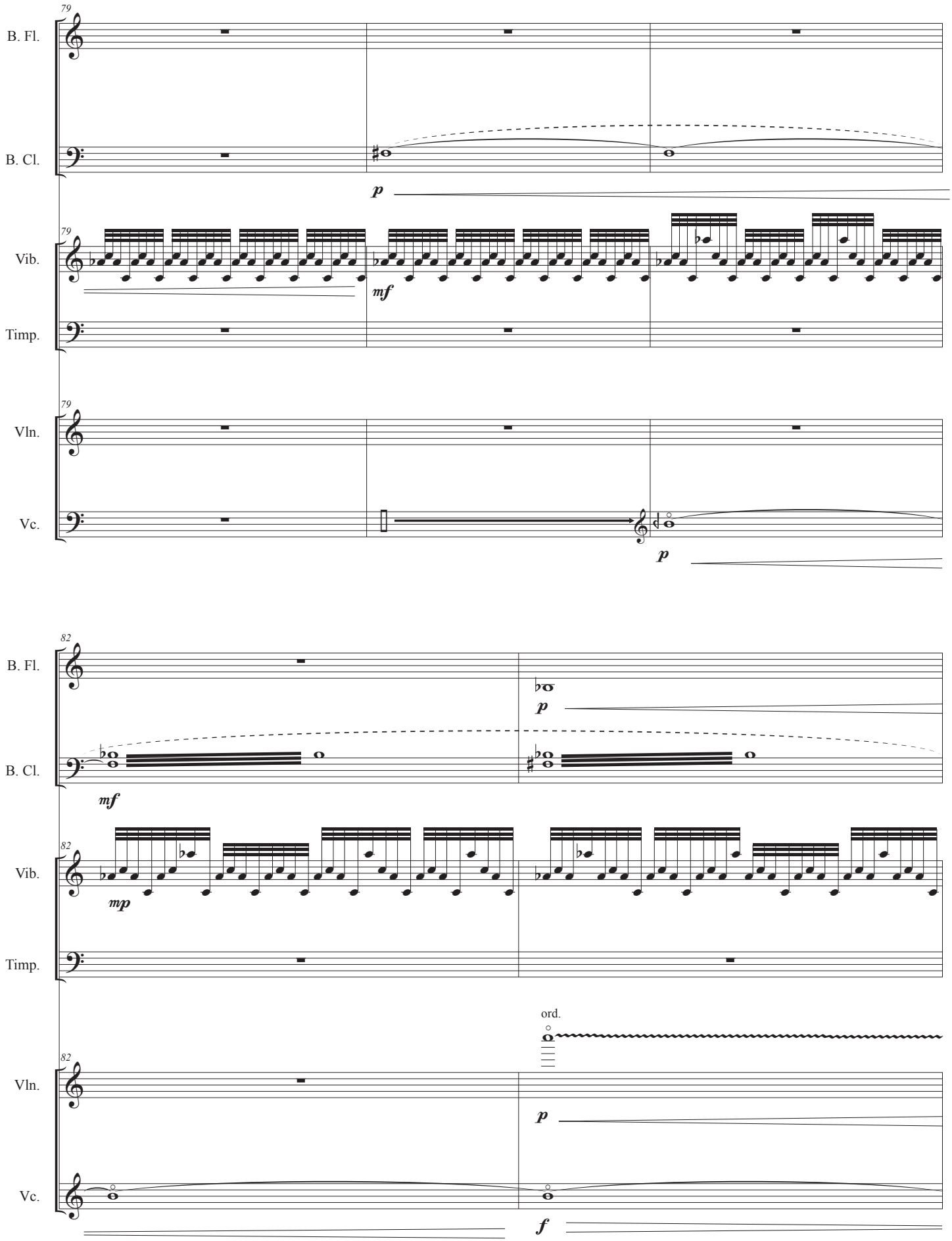

24
B. Fl.
B. Cl.
Vib.
Timp.
Vln.
Vc.
Arpegiate harmonics accelerando/decelerando according to the shape
s.p.
on the bridge
30
start slowly

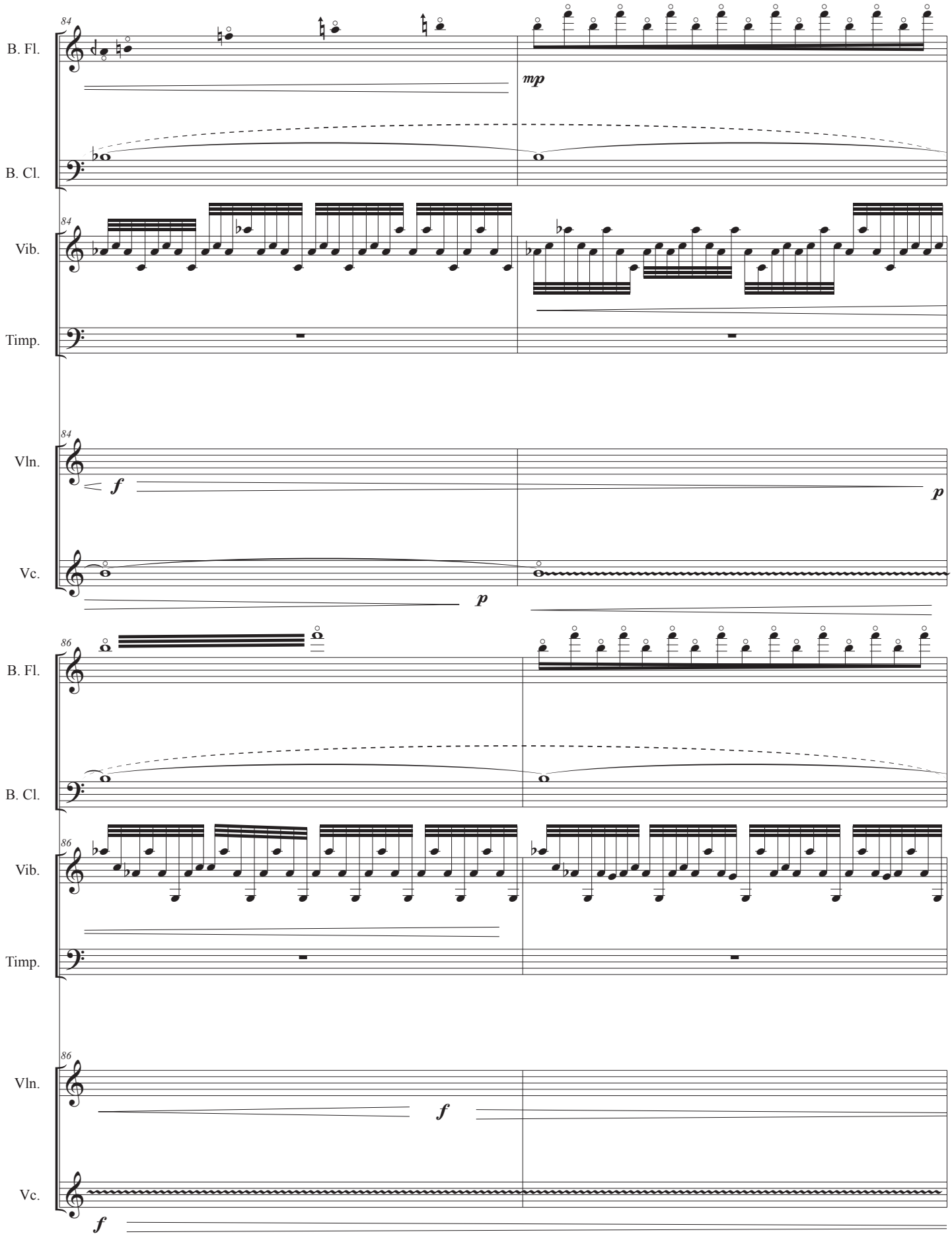

flutter tongue
36
Arpegiate harmonics accelerando/decelerando according to the shape
B. Fl.
B. Cl.
Vib.
Timp.
Vln.
Vc.
non vib
vib.
42
motor on
Vib

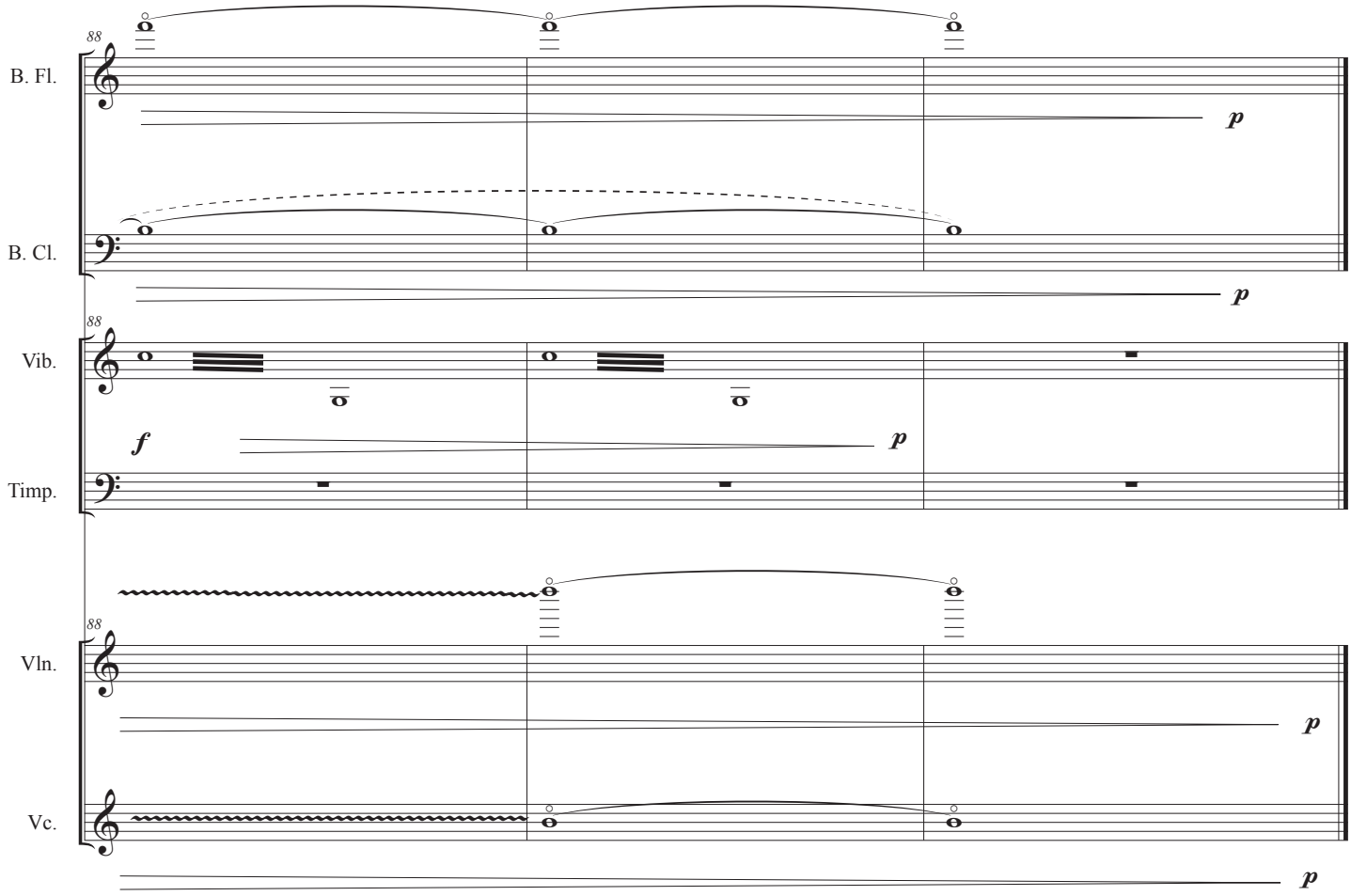

51
B. Fl.
B. Cl.
Vib.
Timp.
Vln.
Vc.
p
f
mf
57
arco
non vib.
IV


flutter tongue
ord.
B. Fl.
B. Cl.
Vib.
Timp.
Vln.
Vc.
62
superball, w/two alternating hands, continiue
each note until it is time to repeat
68


73
B. Fl.
mf
B. Cl.
mf
73
Vib.
Timp.
f
ord. non vib.
73
Vln.
f
Vc.
f p f p
f
77
B. Fl.
p
B. Cl.
motor off
77
Vib.
p
Timp.
f
ord.
77
Vln.
p
Vc.


79
B. Fl.
B. Cl.
p
79
Vib.
mf
Timp.
79
Vln.
Vc.
p
82
B. Fl.
p
B. Cl.
mf
82
Vib.
mp
Timp.
ord.
82
Vln.
p
Vc.
f


84
B. Fl.
mp
B. Cl.
84
Vib.
Timp.
84
Vln.
f
p
Vc.
p
86
B. Fl.
B. Cl.
86
Vib.
Timp.
86
Vln.
f
Vc.
f


88
B. Fl.
p
B. Cl.
p
88
Vib.
f
p
Timp.
88
Vln.
p
Vc.
p