Trio

for Eb clarinet, Bass clarinet and electronics

Shu-Yu Lin

July 2018

Explanatory Notes

Eb clarinet

① ② ③	Step on the 'go' button on the foot pedal to trigger sound file 1; '2' refers stepping on the button again to trigger sound file 2 etc.

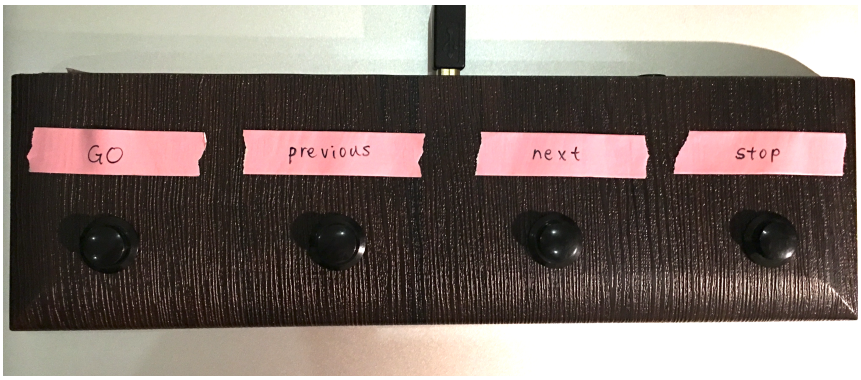
Electronics

1 2 3	The numbers refer to specific sound file. 1 refers to sound file 1, 2 refers to sound file 2 etc. There are in total of 86 sound files.

Eb clarinetist will trigger sound files by stepping on the 'go' button on the pedal controller. Trigger indications are specified on the score.

Technical specification
Ultimate Megaboom 3 Bluetooth speaker
ActitioN 4 button midi foot pedal
Laptop computer running QLab software

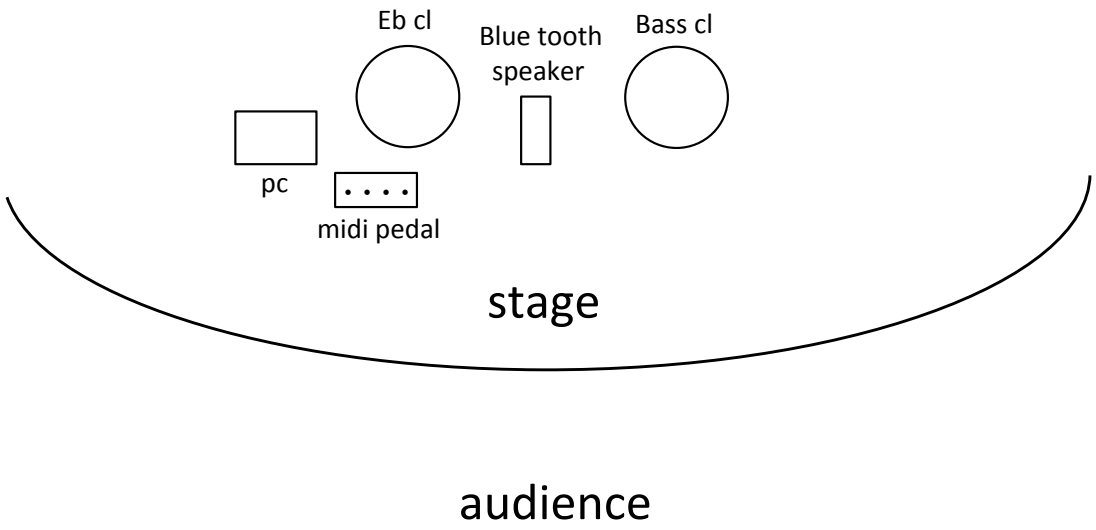
Labels on the ActitioN controller



Link to sound files and script
https://github.com/shuyulin/trio_clsEle
This link directs to the repository that contains the QLab file and sound files for performance. The directory of the sound files needs to be modified in order to playback the specific file. For reference, the SuperCollider script and pre-recorded clarinet sound, which were used to generate some of the performance sound files, are also included the repository.

Source of sound material
The sound files are created from two sources. The main one is generating from the midi in SuperCollider, the other is modifying the pre-recorded clarinet sound. The clarinetist Chiung-Yu Ku, who is a frequent collaborator, played for the recording.

Stage plan

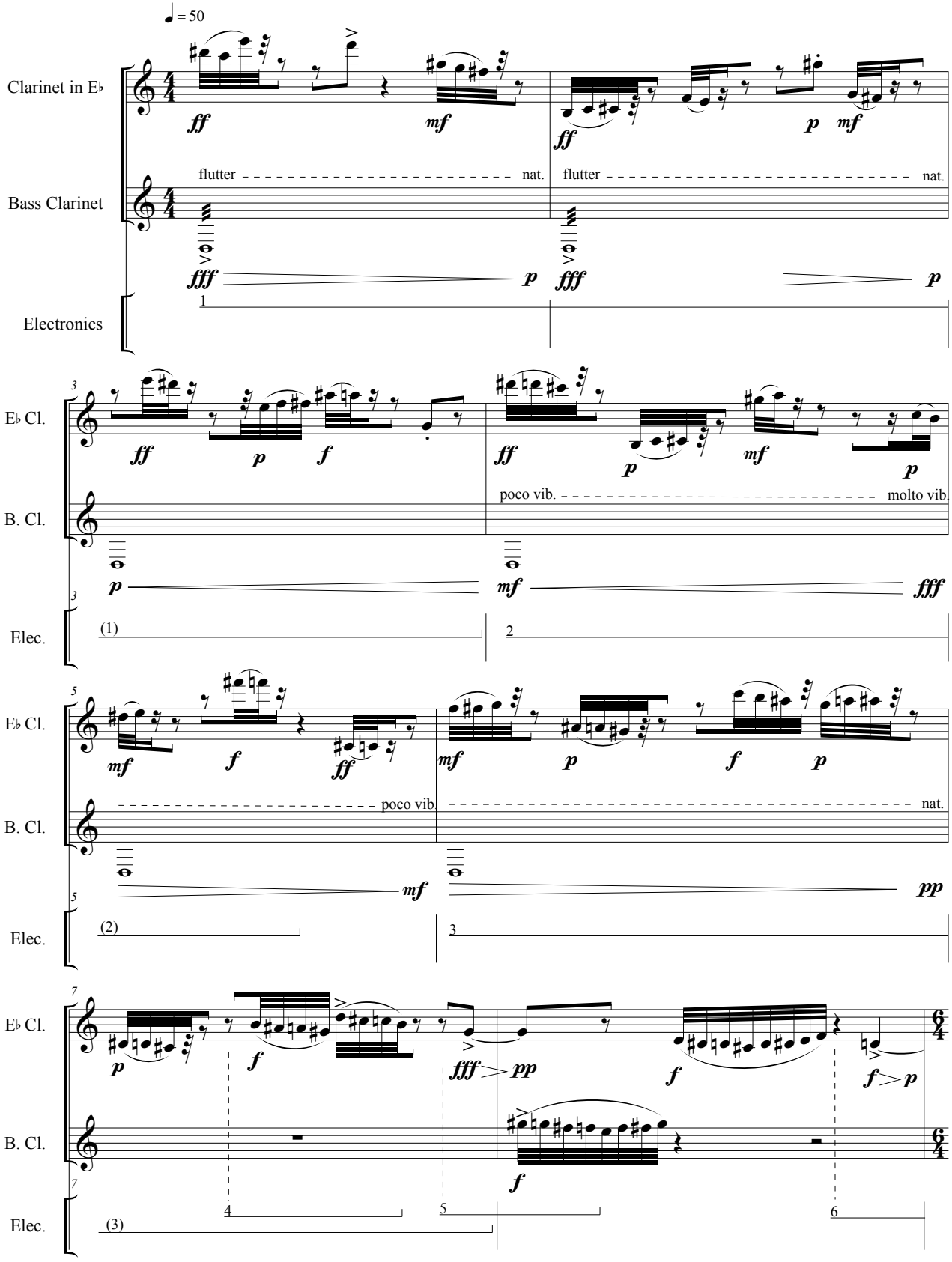


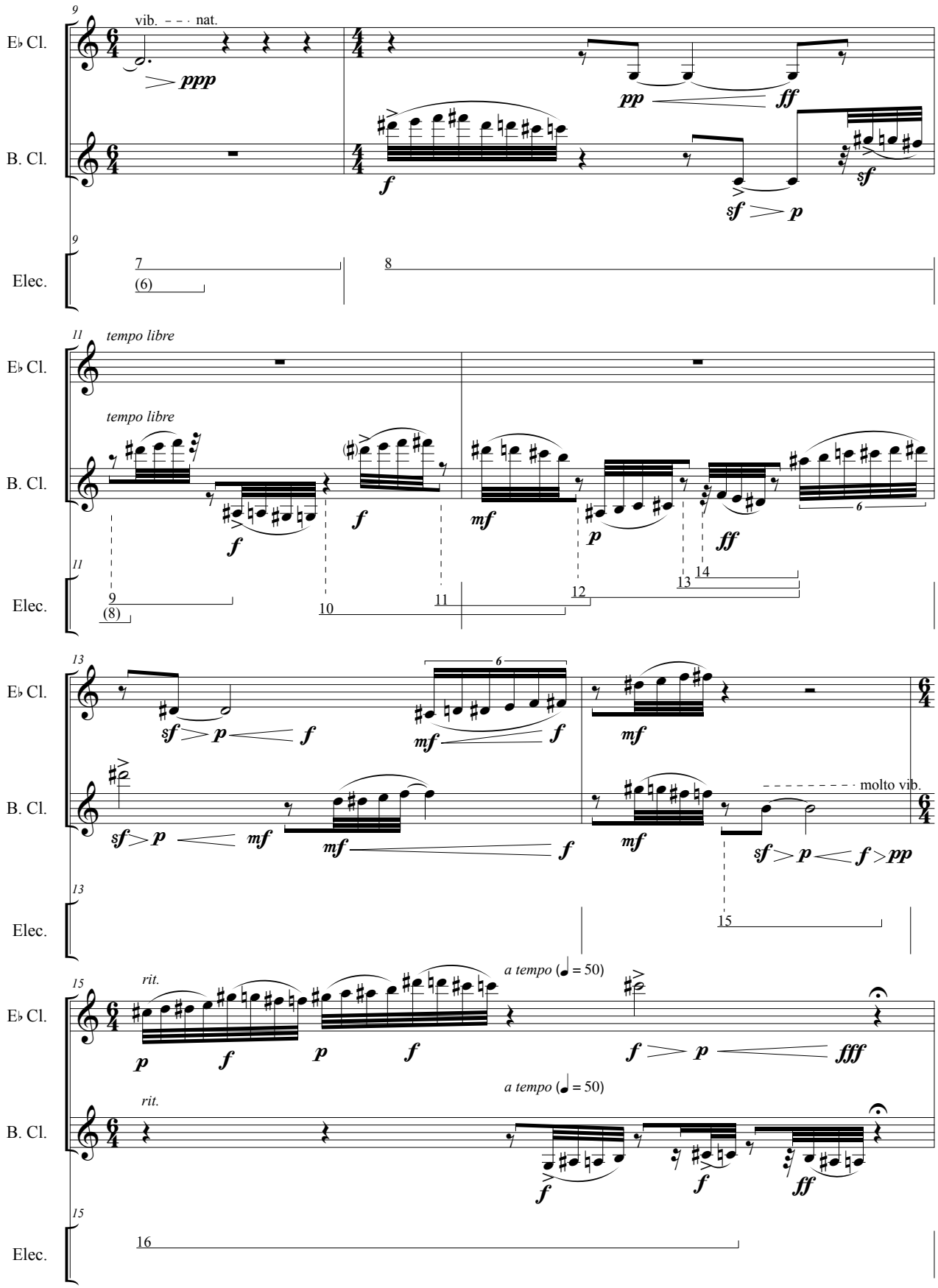
audience

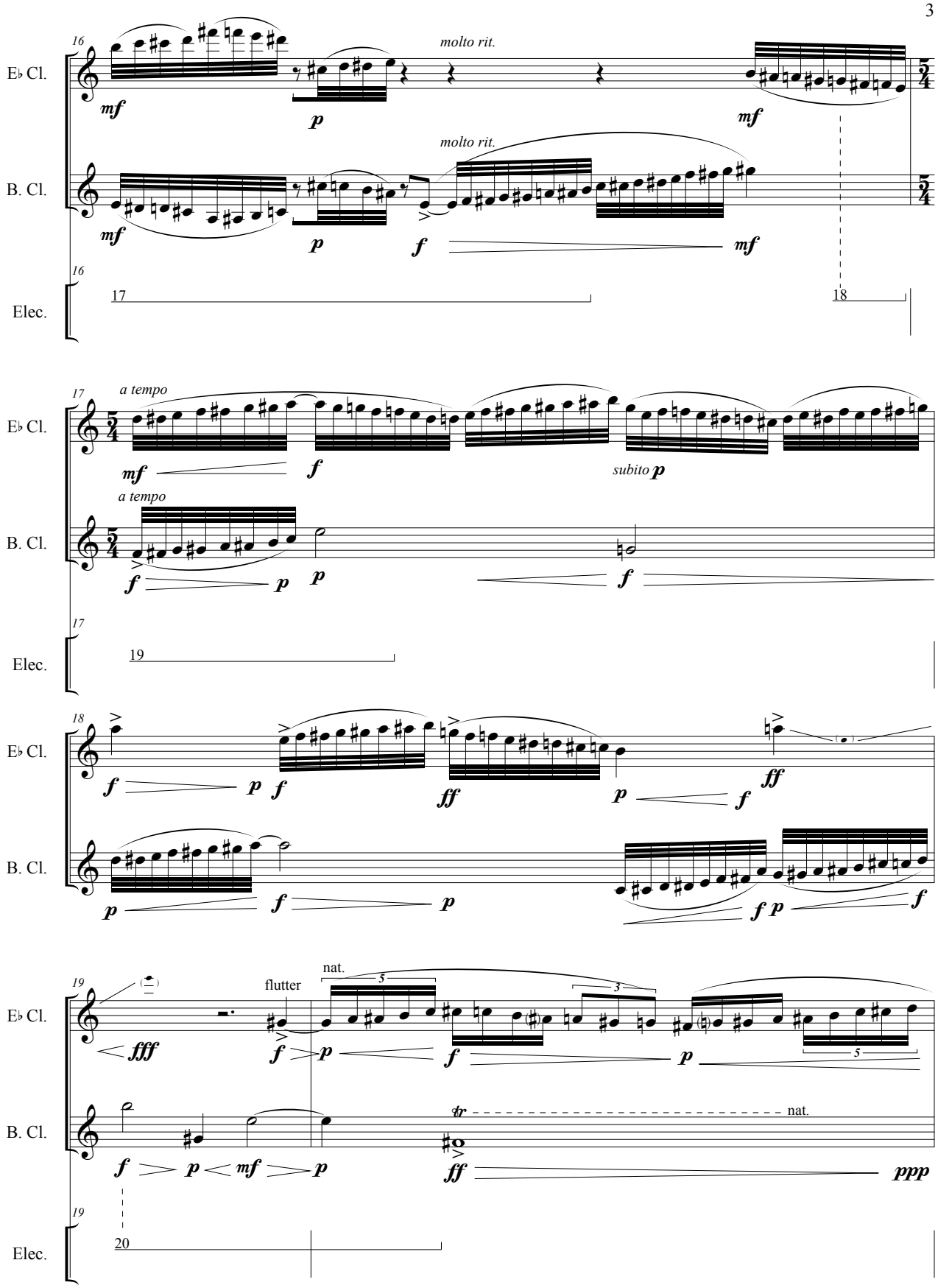
Trio

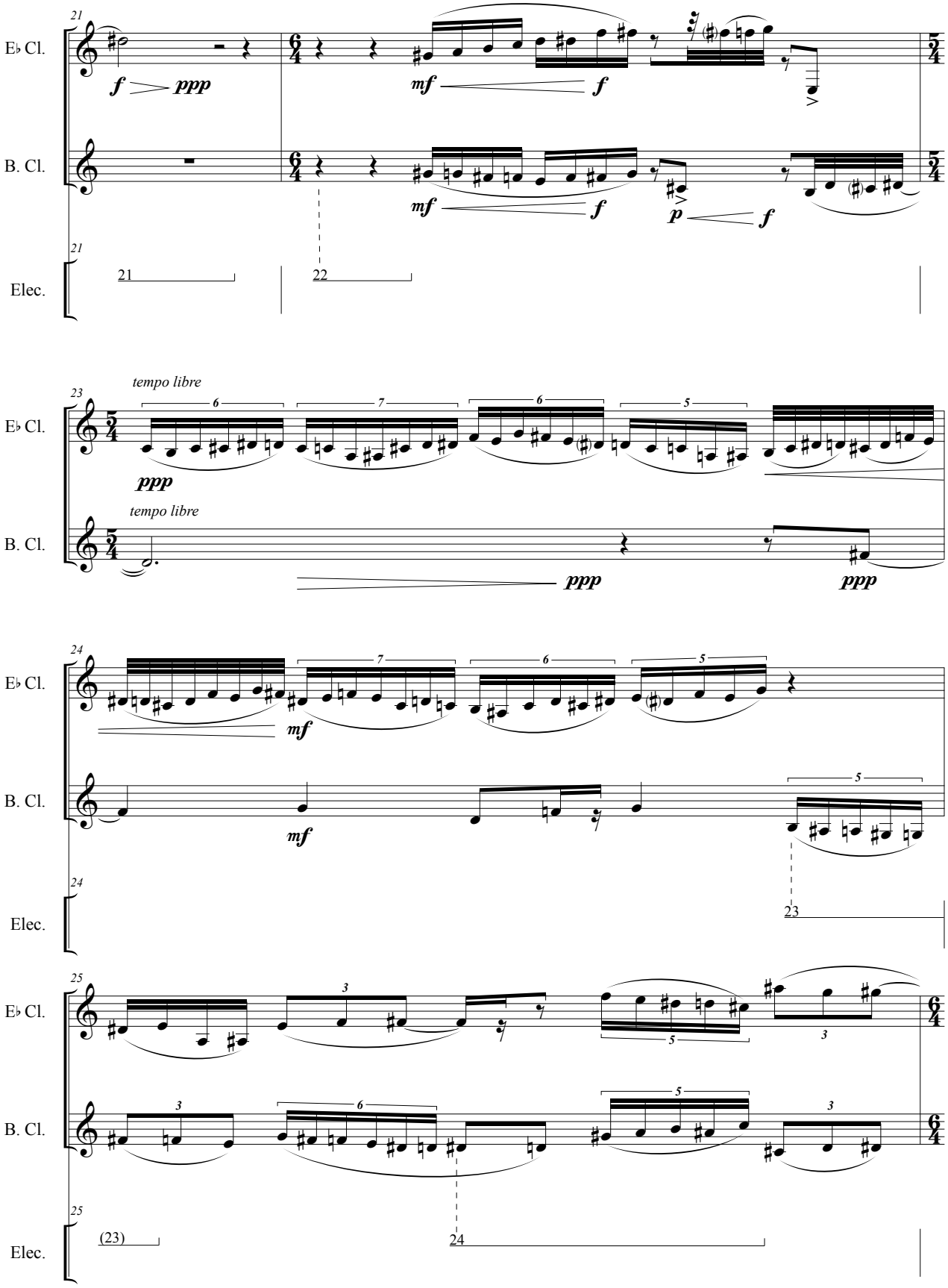
for Eb and Bass Clarinet and Electronics

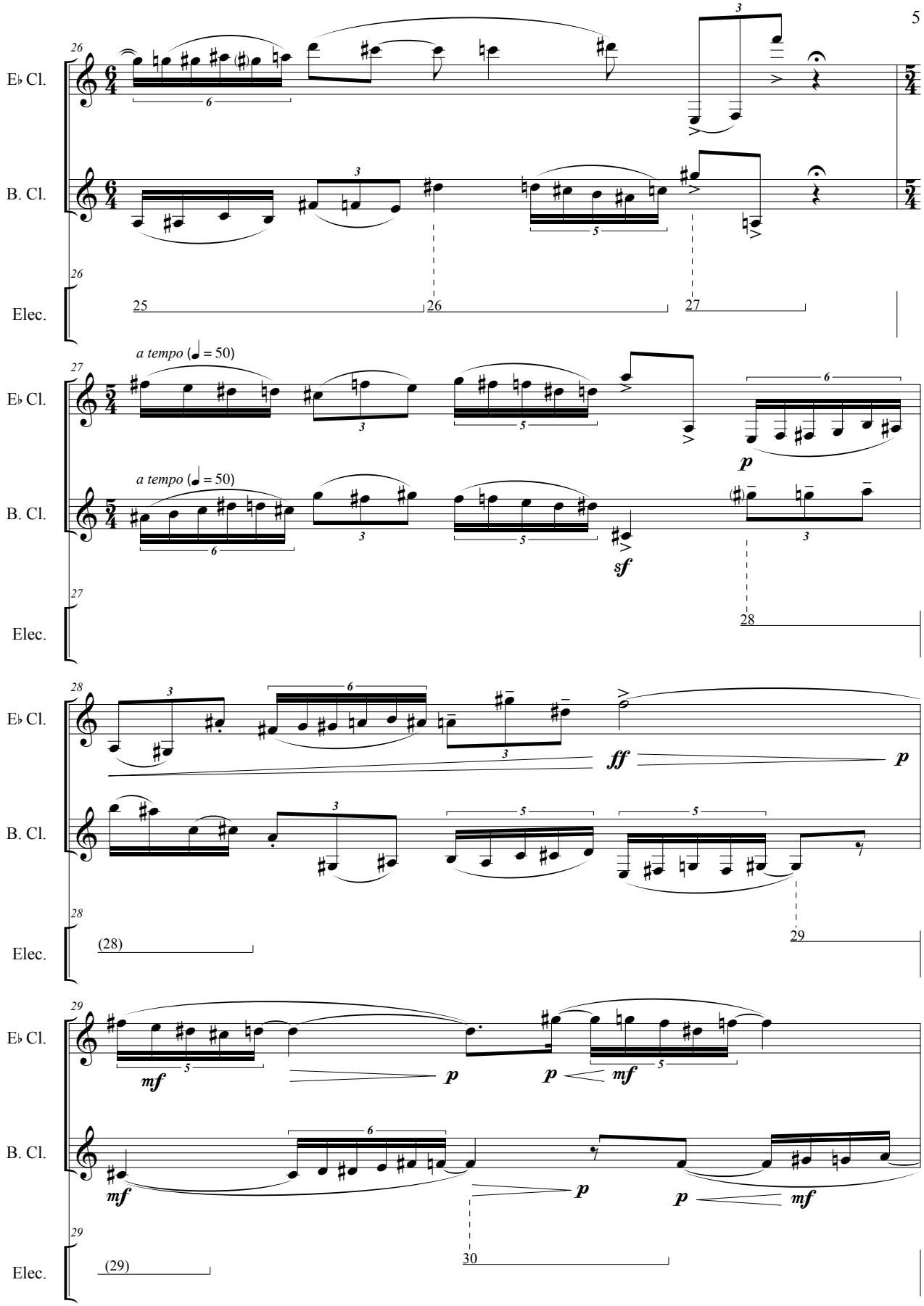
Shu-Yu Lin

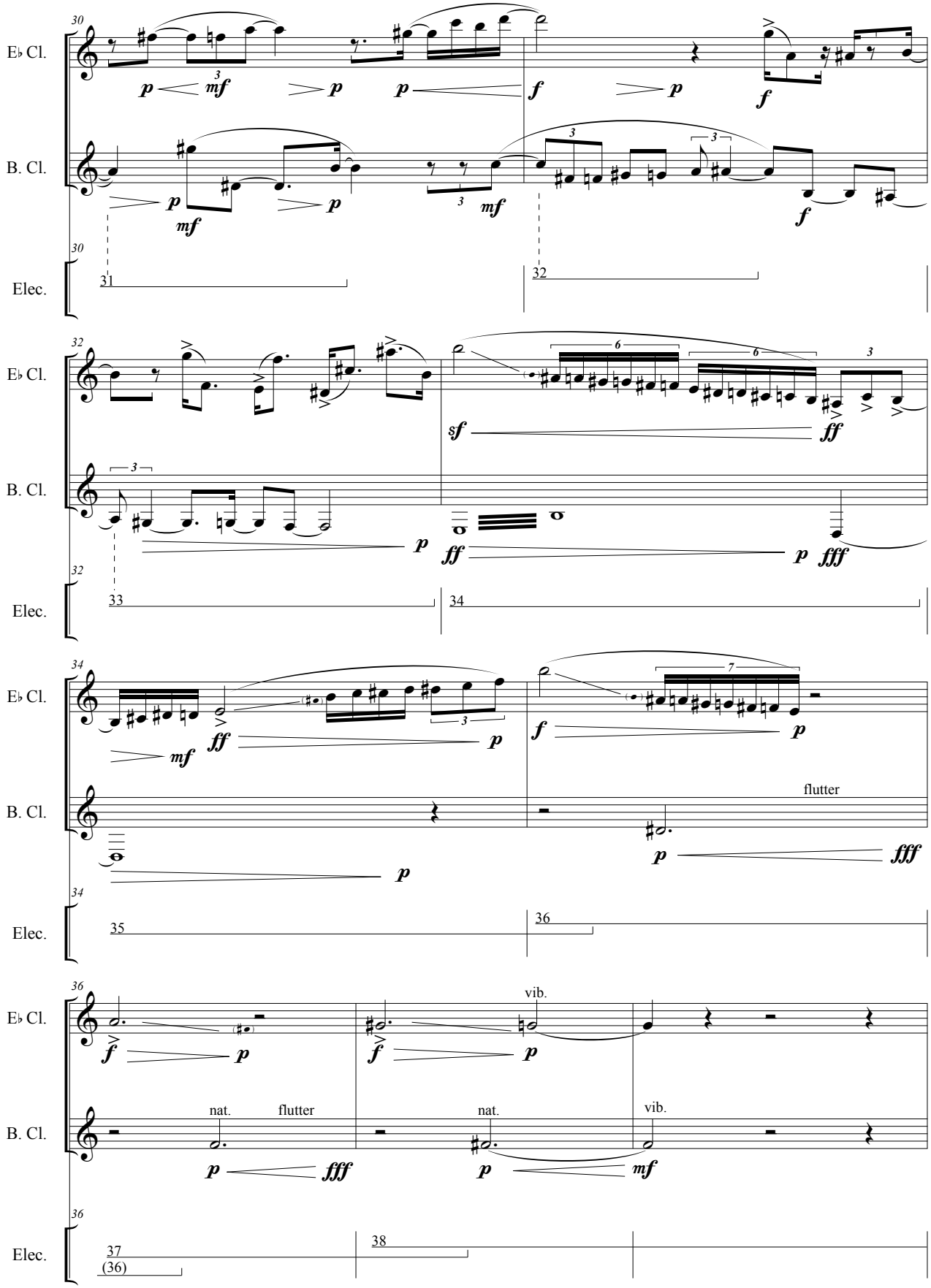


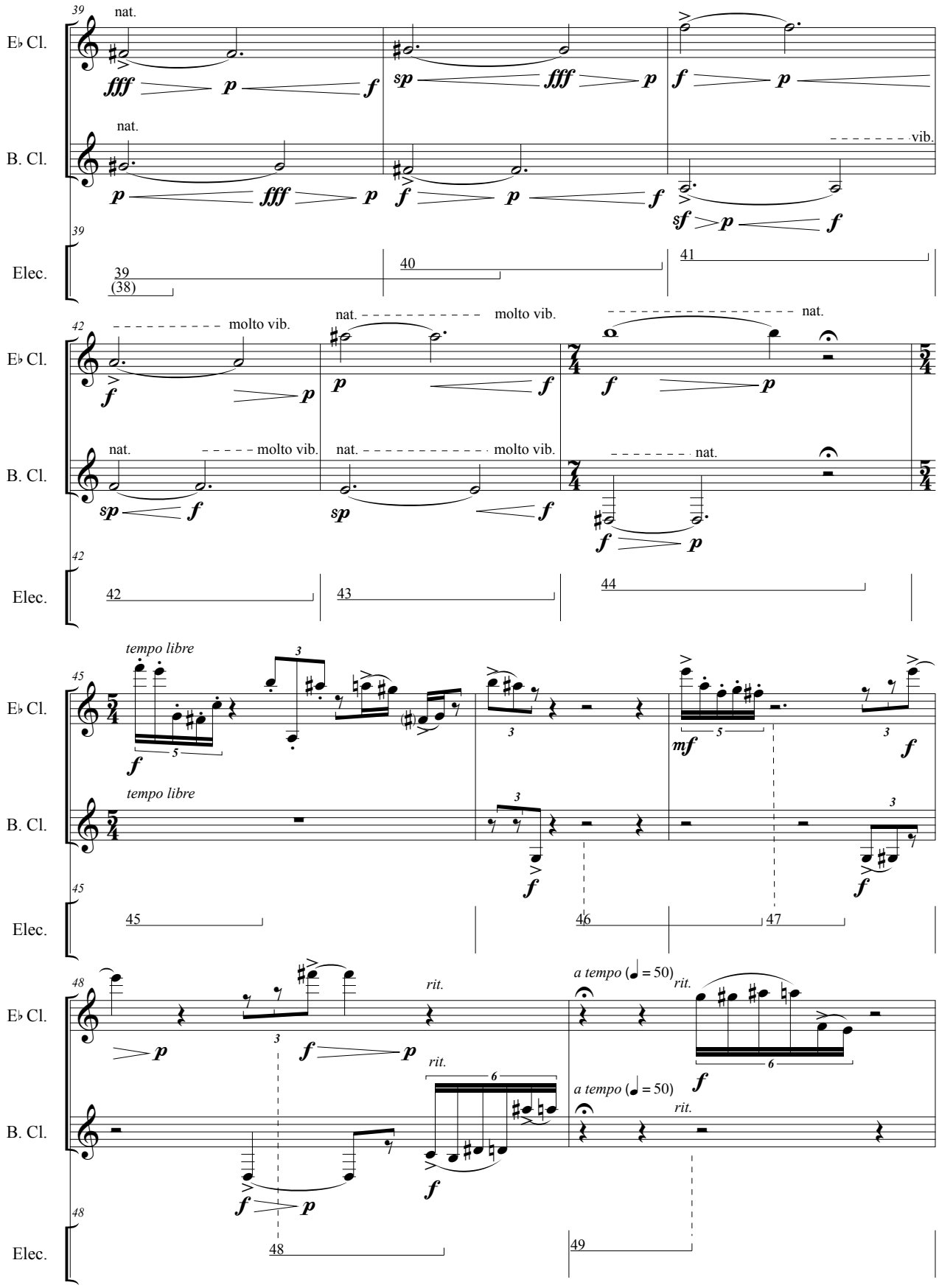

9
vib. - - - nat.
E♭ Cl.
B. Cl.
Elec.
ppp
pp
ff
f
sf
p
7
(6)
8
11
tempo libre
mf
9
(8)
10
11
12
13
14
6
13
molto vib.
15
a tempo (♩ = 50)
rit.
fff
16

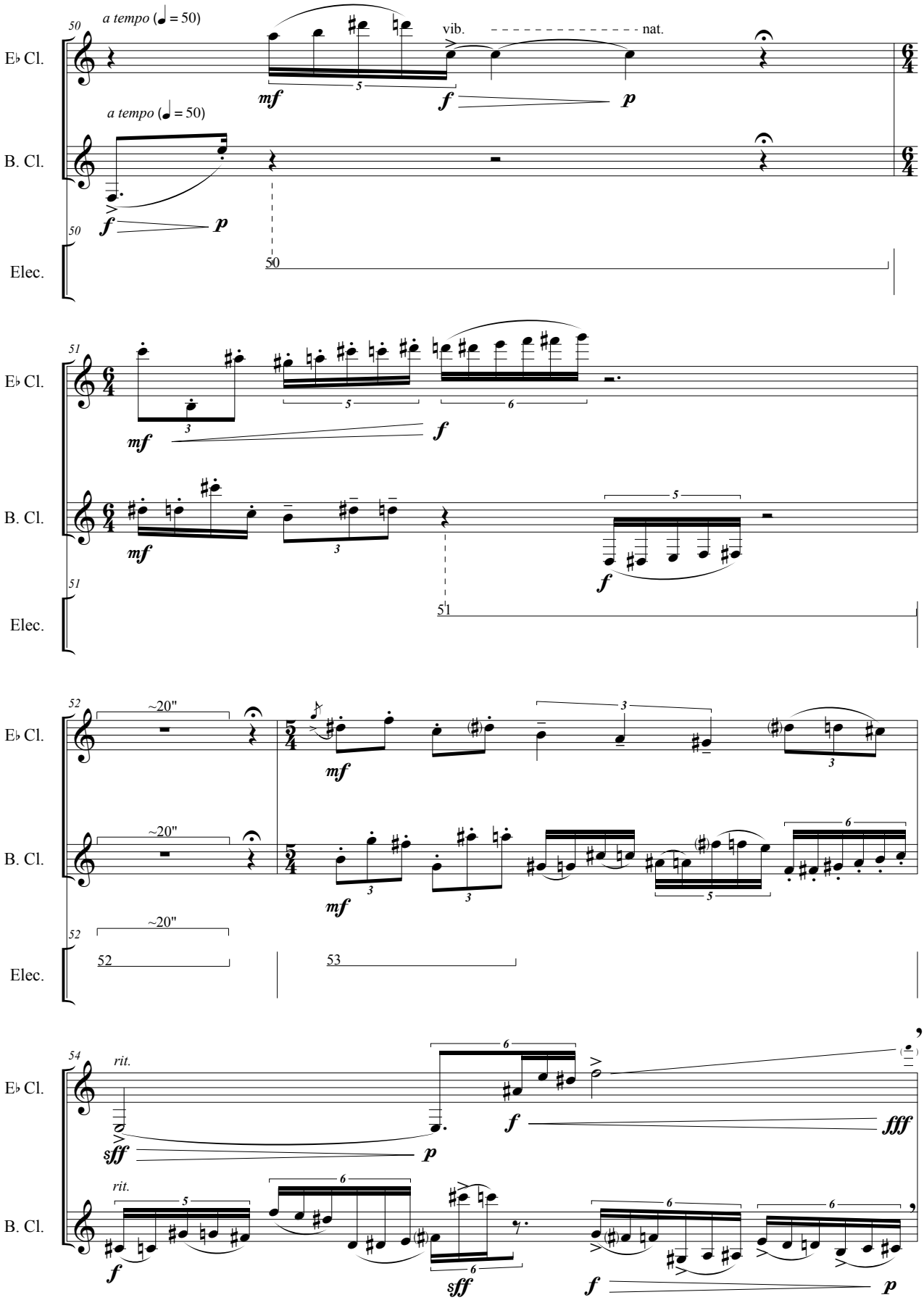

16
E♭ Cl.
B. Cl.
Elec.
molto rit.
molto rit.
mf
p
mf
p
f
mf
17
18
17
a tempo
a tempo
mf
f
subito p
p
f
p
p
f
19
18
f
p
f
ff
p
f
ff
p
f
p
f p
f
19
fff
flutter
nat.
f
p
f
p
tr
nat.
f
p
mf
p
ff
ppp
20

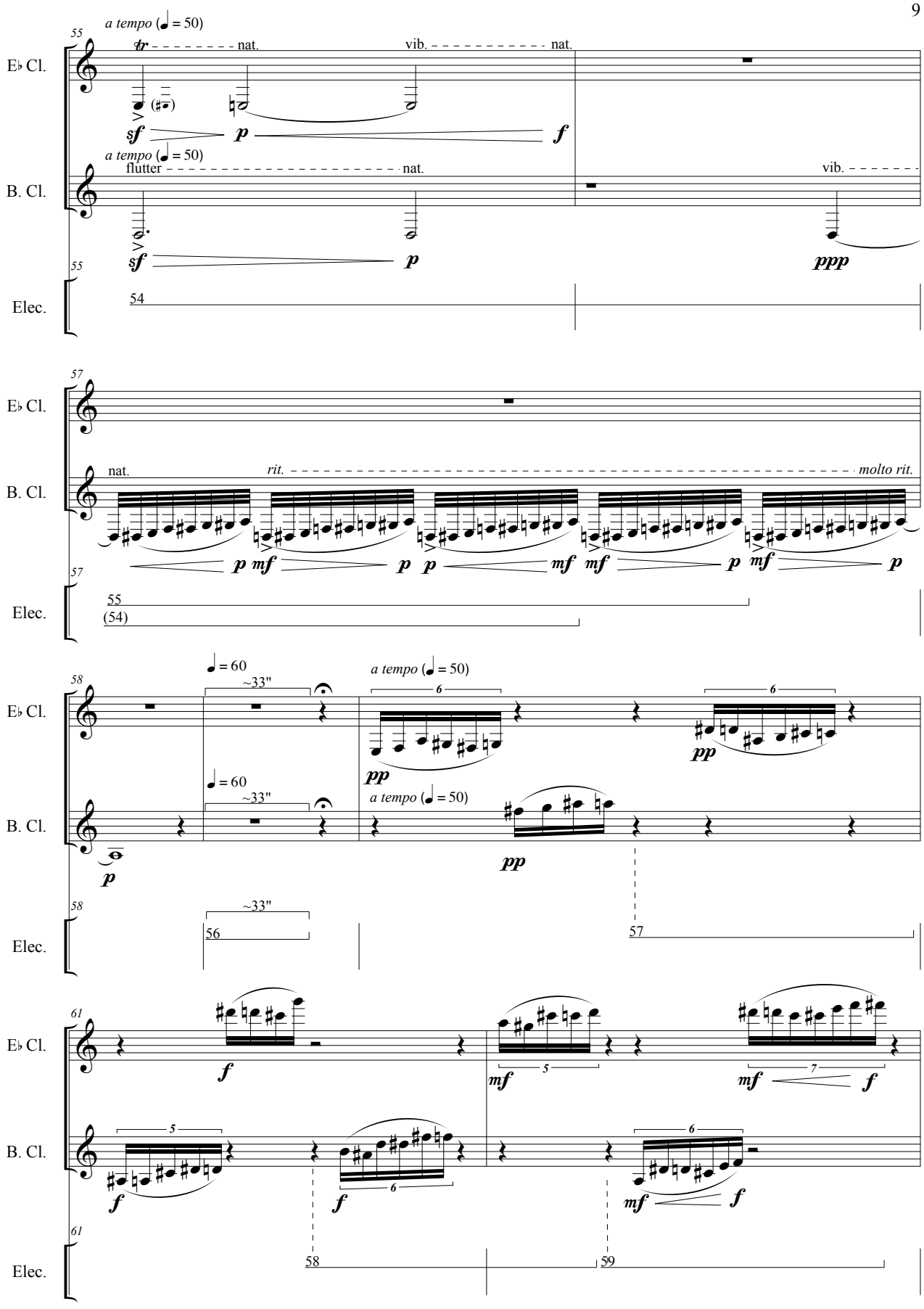

21
E♭ Cl.
B. Cl.
Elec.
f
ppp
mf
f
p
21
22
23
tempo libre
ppp
24
mf
23
25
(23)
24

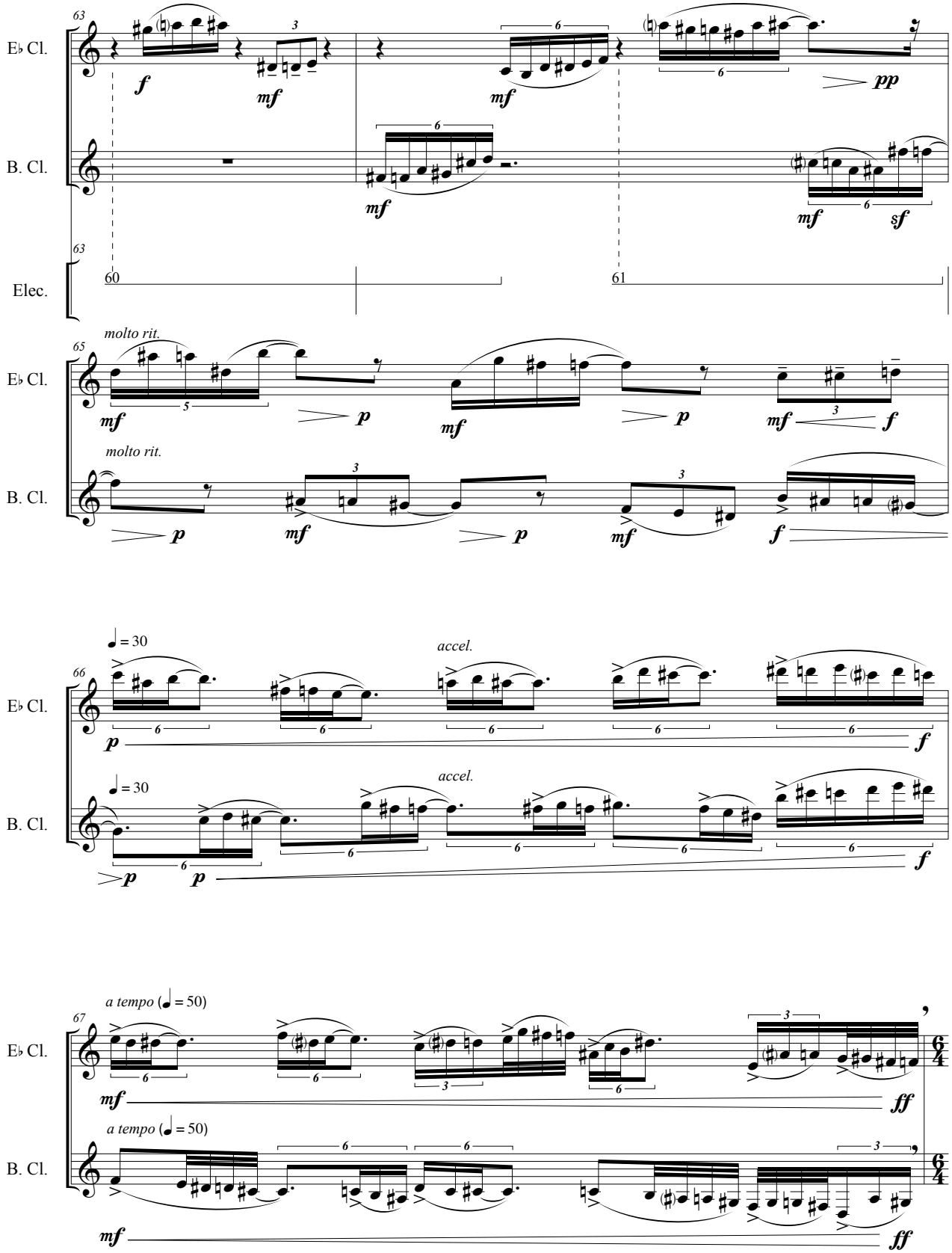

26
E♭ Cl.
B. Cl.
Elec.
25
26
27
a tempo (♩ = 50)
p
sf
28
ff
p
29
(28)
mf
(29)
30

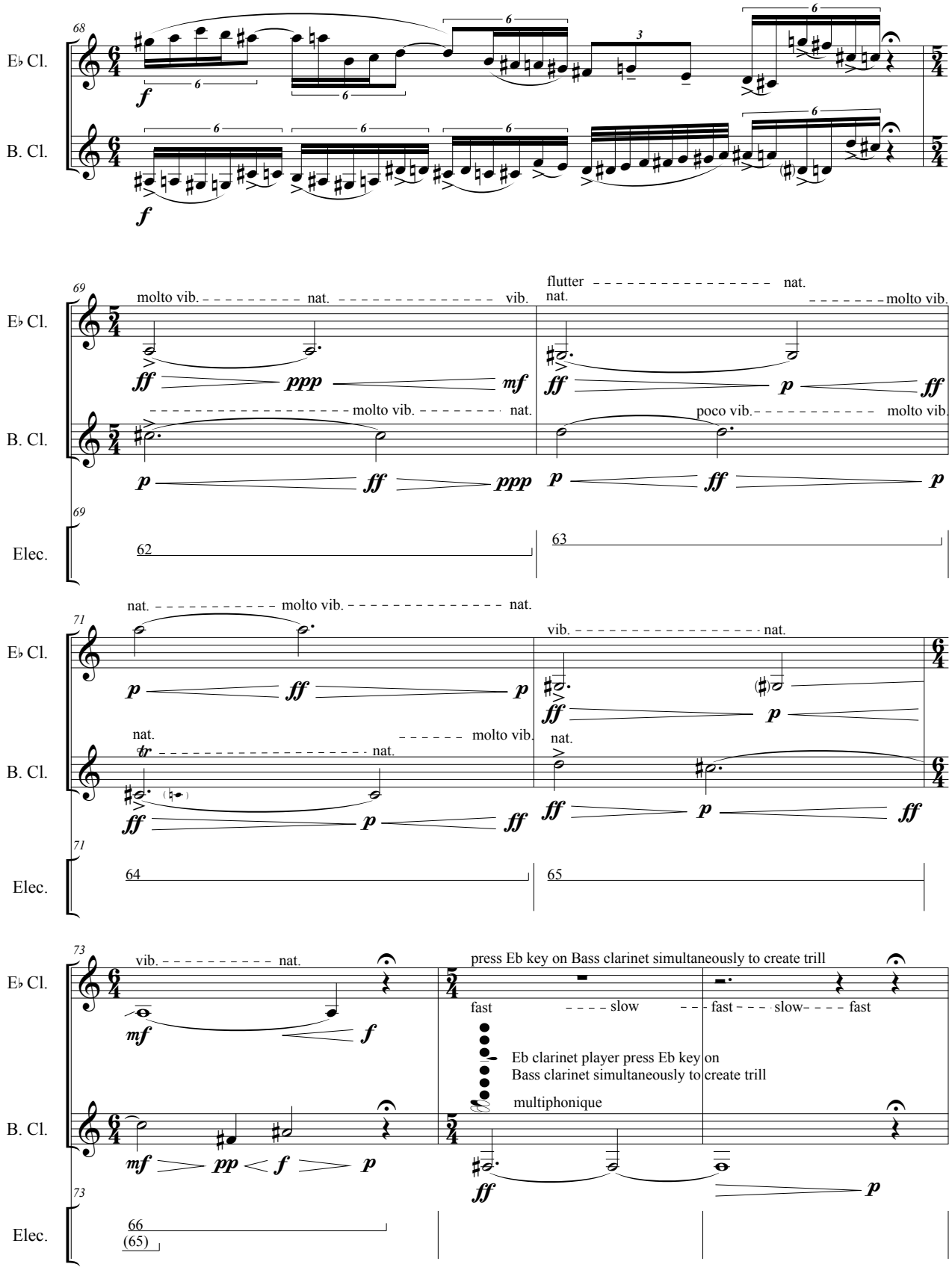

30
E♭ Cl.
B. Cl.
Elec.
31
32
33
34
35
36
37
(36)
38
flutter
vib.
nat.

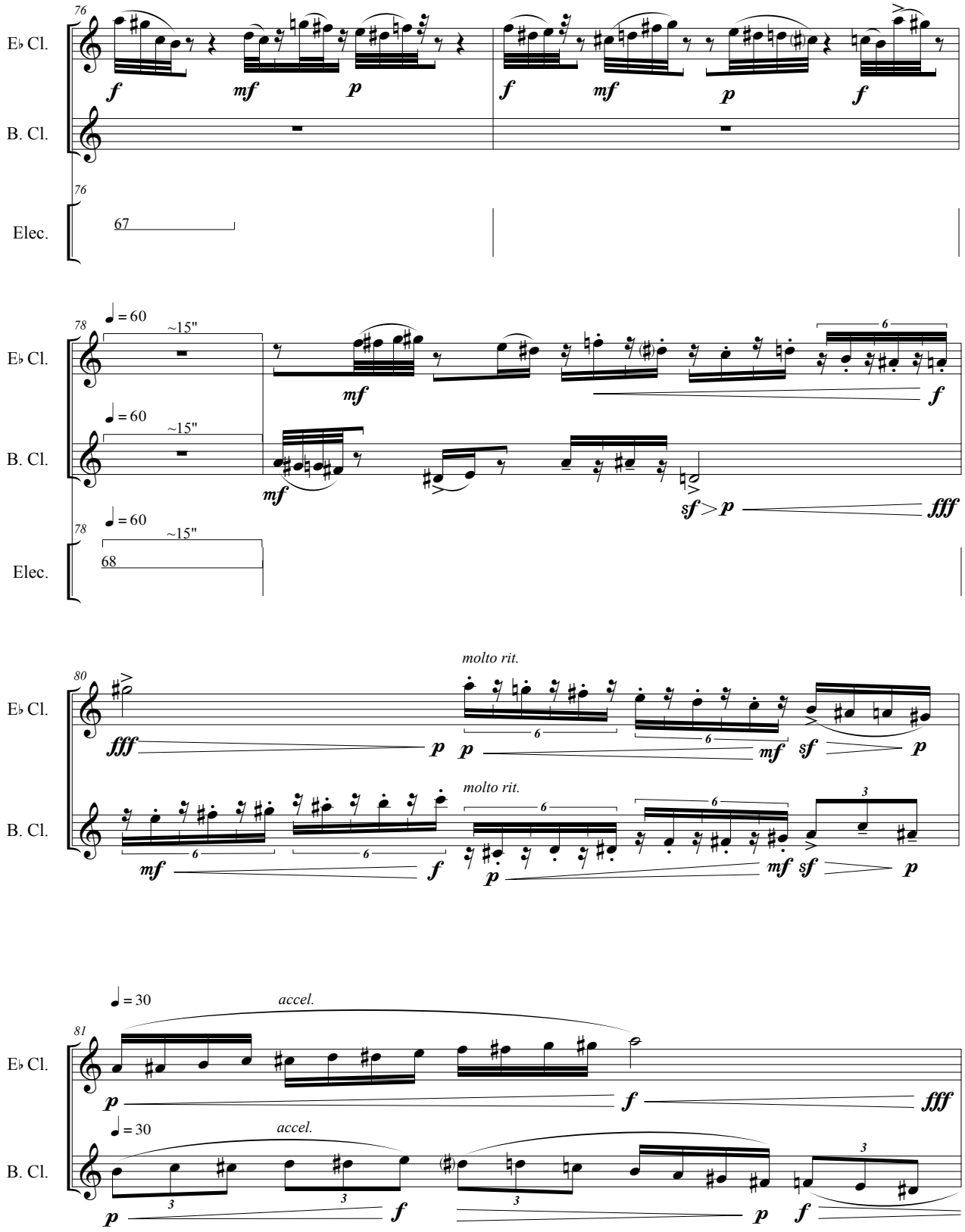

E♭ Cl.
B. Cl.
Elec.
39
nat.
fff
p
f
sp
vib.
sf
40
41
molto vib.
42
43
44
tempo libre
mf
45
46
47
rit.
a tempo (♩ = 50)
48
49

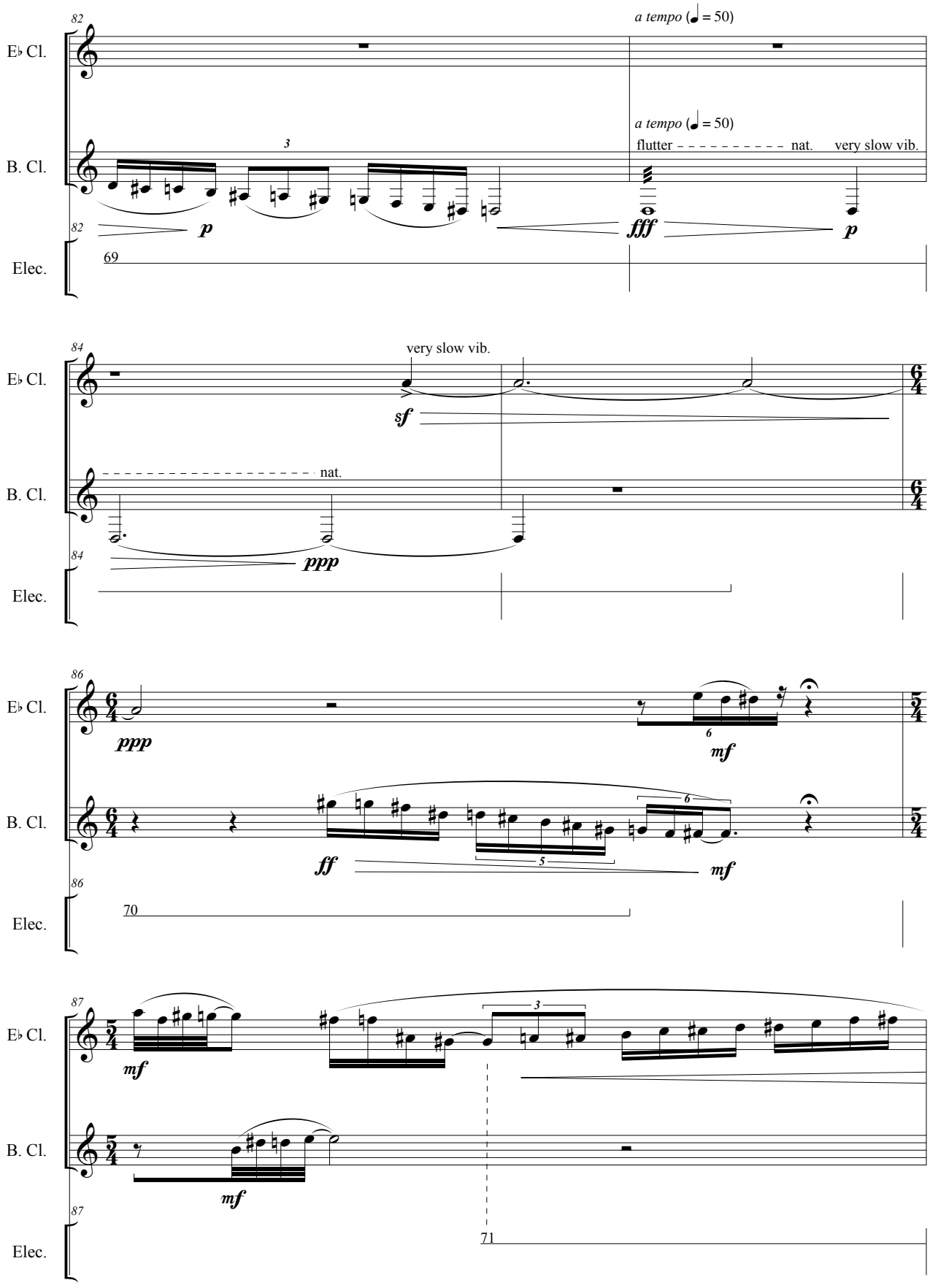

50
a tempo (♩ = 50)
E♭ Cl.
vib.
nat.
mf
f
p
a tempo (♩ = 50)
B. Cl.
f
p
50
Elec.
50
51
E♭ Cl.
mf
f
B. Cl.
mf
f
51
Elec.
51
52
~20"
E♭ Cl.
mf
~20"
B. Cl.
mf
~20"
52
Elec.
52
53
54
rit.
E♭ Cl.
sff
p
f
fff
rit.
B. Cl.
f
sff
f
p

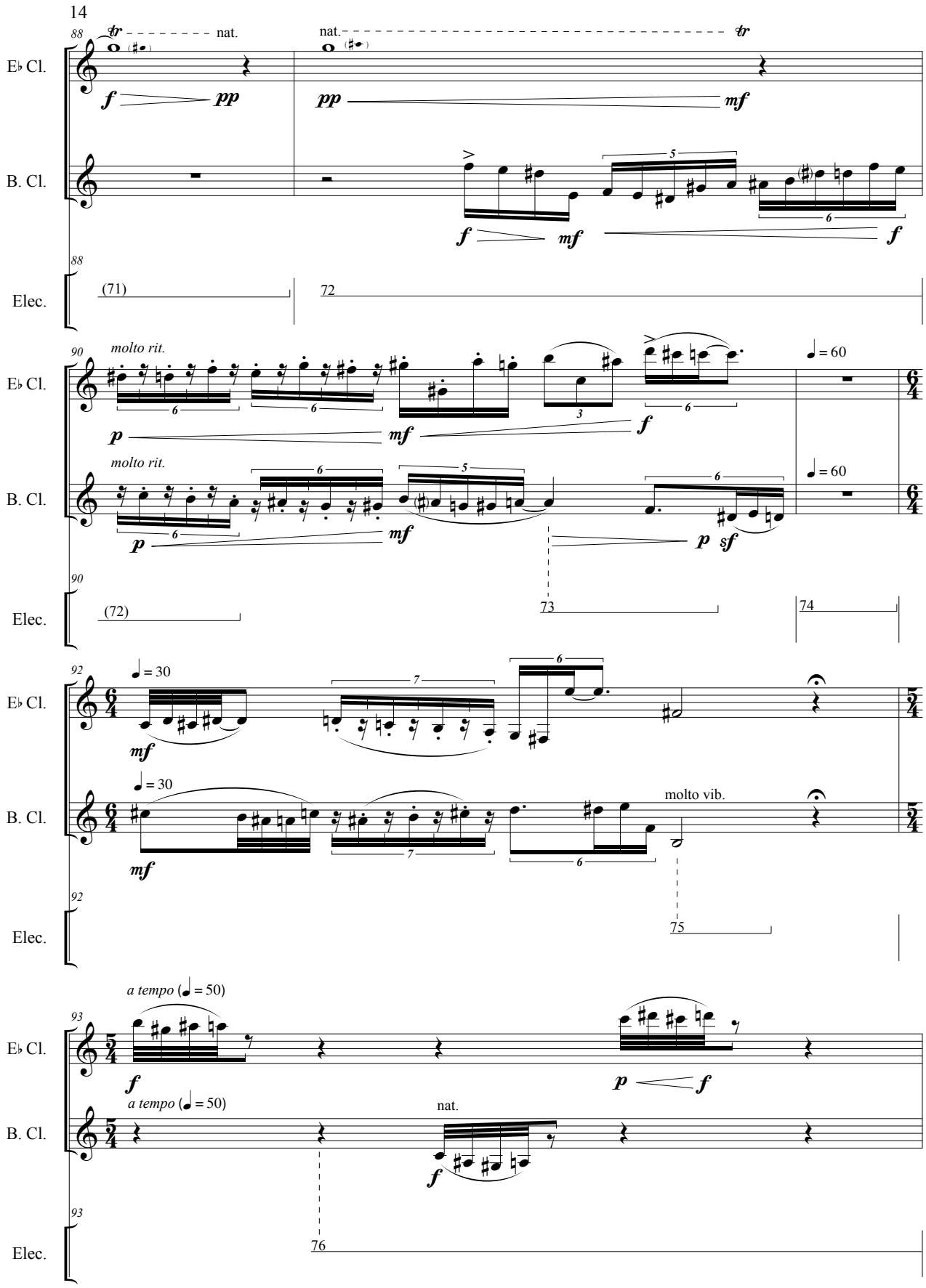

55
a tempo (♩ = 50)
tr
nat.
vib.
nat.
E♭ Cl.
(♯𝅝)
sf
p
f
a tempo (♩ = 50)
flutter
nat.
vib.
B. Cl.
sf
p
ppp
55
Elec.
54
57
E♭ Cl.
nat.
rit.
molto rit.
B. Cl.
p mf
p
p
mf mf
p
mf
p
57
Elec.
55
(54)
58
♩ = 60
~33"
a tempo (♩ = 50)
6
6
E♭ Cl.
pp
pp
♩ = 60
~33"
a tempo (♩ = 50)
B. Cl.
p
pp
58
~33"
Elec.
56
57
61
E♭ Cl.
f
mf
5
mf
7
f
5
6
B. Cl.
f
f
mf
f
61
Elec.
58
59

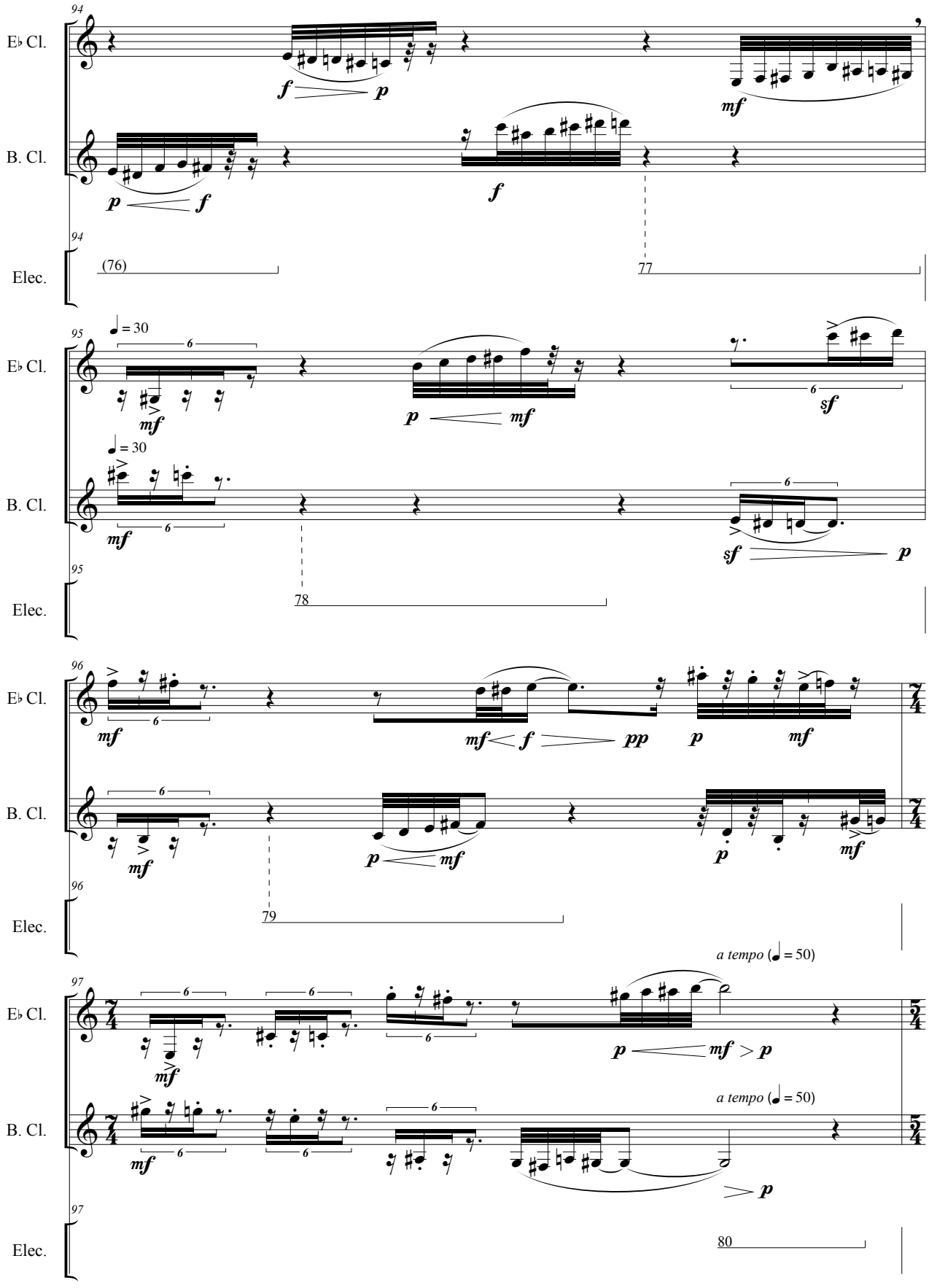

E♭ Cl.
B. Cl.
Elec.
63
60
61
molto rit.
65
66
accel.
67
a tempo (♩ = 50)
♩ = 30

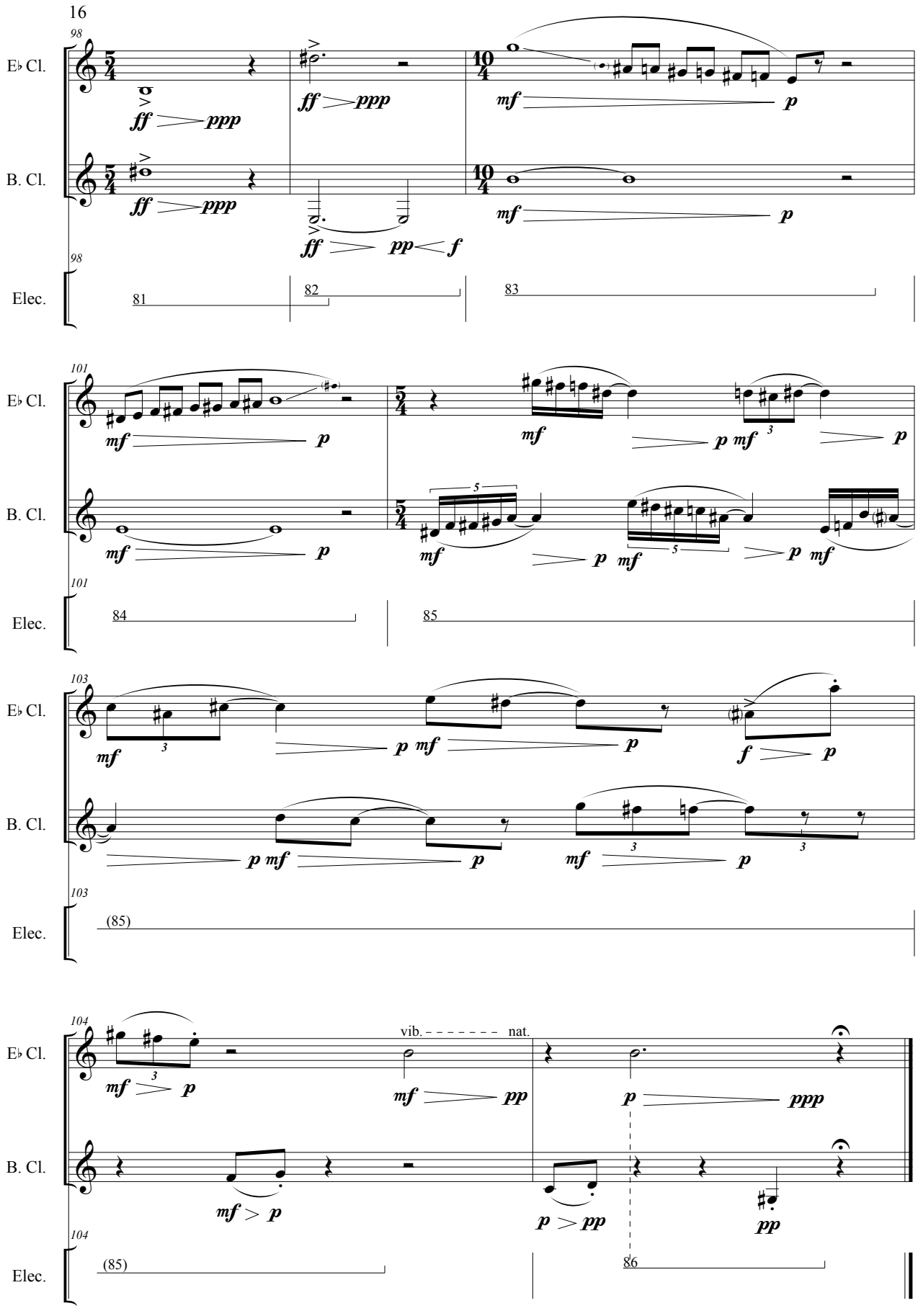

68
E♭ Cl.
B. Cl.
f
69
molto vib. nat. vib.
flutter nat.
nat. molto vib.
ff ppp mf
ff p ff
molto vib. nat.
poco vib. molto vib.
p ff ppp
p ff p
Elec.
62
63
71
nat. molto vib. nat.
vib. nat.
p ff p
ff p
nat. molto vib.
nat.
tr nat.
ff p ff
ff p ff
64
65
73
vib. nat.
press Eb key on Bass clarinet simultaneously to create trill
fast slow fast slow fast
mf f
Eb clarinet player press Eb key on
Bass clarinet simultaneously to create trill
multiphonique
mf pp f p
ff p
66
(65)


76
E♭ Cl.
B. Cl.
Elec.
67
78
= 60
~15"
68
80
molto rit.
81
= 30
accel.


82
E♭ Cl.
B. Cl.
Elec.
a tempo (♩ = 50)
a tempo (♩ = 50)
flutter
nat.
very slow vib.
p
fff
p
69
84
very slow vib.
sf
nat.
ppp
86
ppp
mf
ff
mf
70
87
mf
mf
71


E♭ Cl.
B. Cl.
Elec.
nat.
molto rit.
♩ = 60
♩ = 30
molto vib.
a tempo (♩ = 50)
(71)
72
(72)
73
74
75
76


94
E♭ Cl.
B. Cl.
Elec.
(76)
77
95
♩ = 30
78
96
79
a tempo (♩ = 50)
97
80


98
E♭ Cl.
B. Cl.
Elec.
ff ppp
ff ppp
mf p
ff pp f
81
82
83
101
mf p
mf p mf p
84
85
103
mf p mf p
f p
p mf p
mf p
(85)
104
vib. nat.
mf pp
p ppp
mf p
p pp
pp
86