Gonçalo Gato

Stochafrica

for percussion

Stochafrica was commissioned by percussionist and jazz drummer Pedro Segundo and derives its name from the use of indeterministic procedures. It pays tribute to Xenakis, the developer of so-called Stochastic Music. A great deal of the compositional work relied on programming the computer so that it would generate *ostinati* I could select and elaborate. These *ostinati* remind me of Mozambican timbila rhythms.

Instruments:

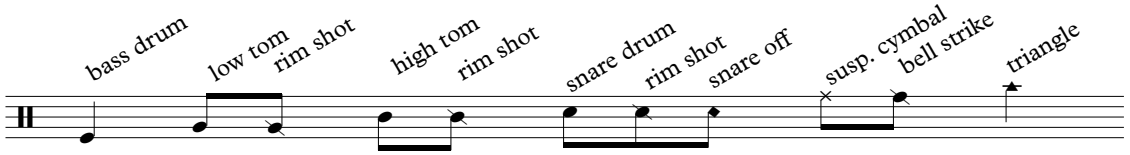
Mbila (or similar). Mbila is the singular of timbila, a Mozambican instrument. Because the tuning varies from instrument to instrument and does not conform to equal temperament it is notated on a three-line staff, the lines delineating low, mid-low, mid-high, and high registers. Pitch should be chosen accordingly and follow the written contour.

Vibraphone (plus pedal stage weight)

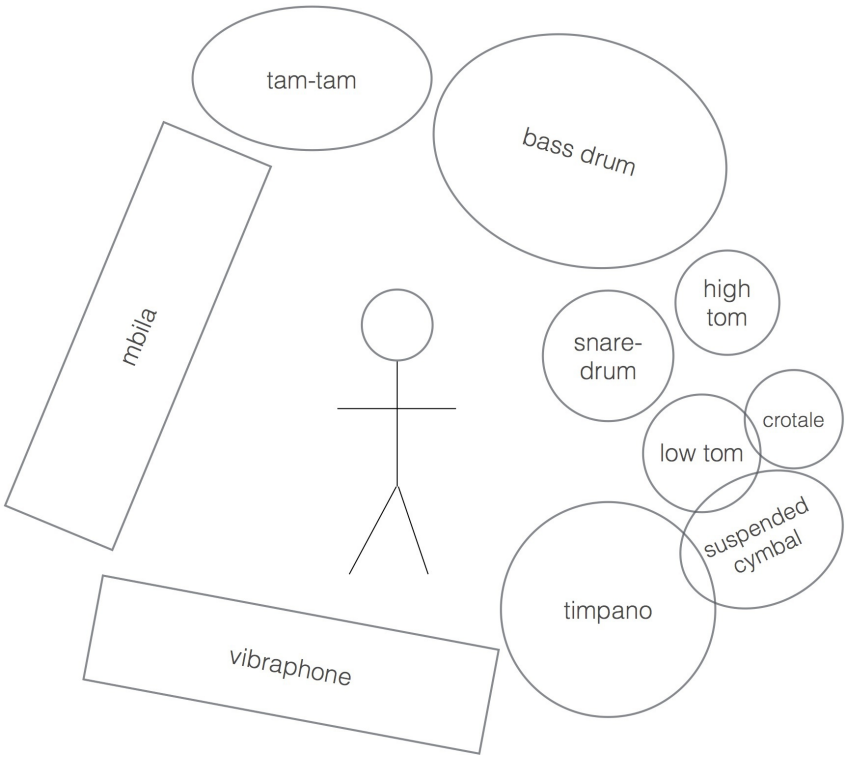
Triangle
Crotale
Suspended Cymbal
Tam-tam

Snare drum
2 Toms (high and low)
28" Timpano
Bass drum

Unpitched percussion set notation:



Suggested setup:

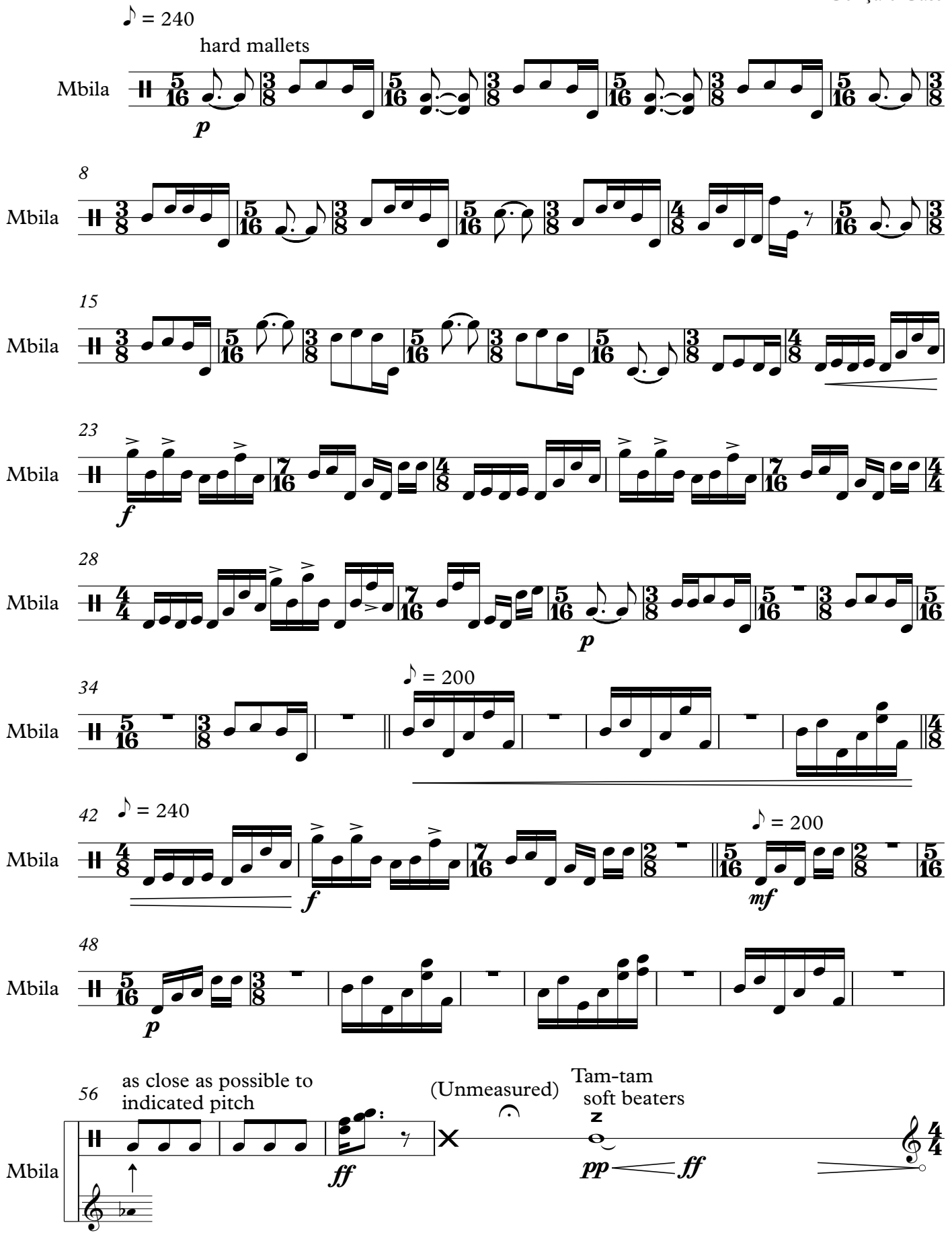


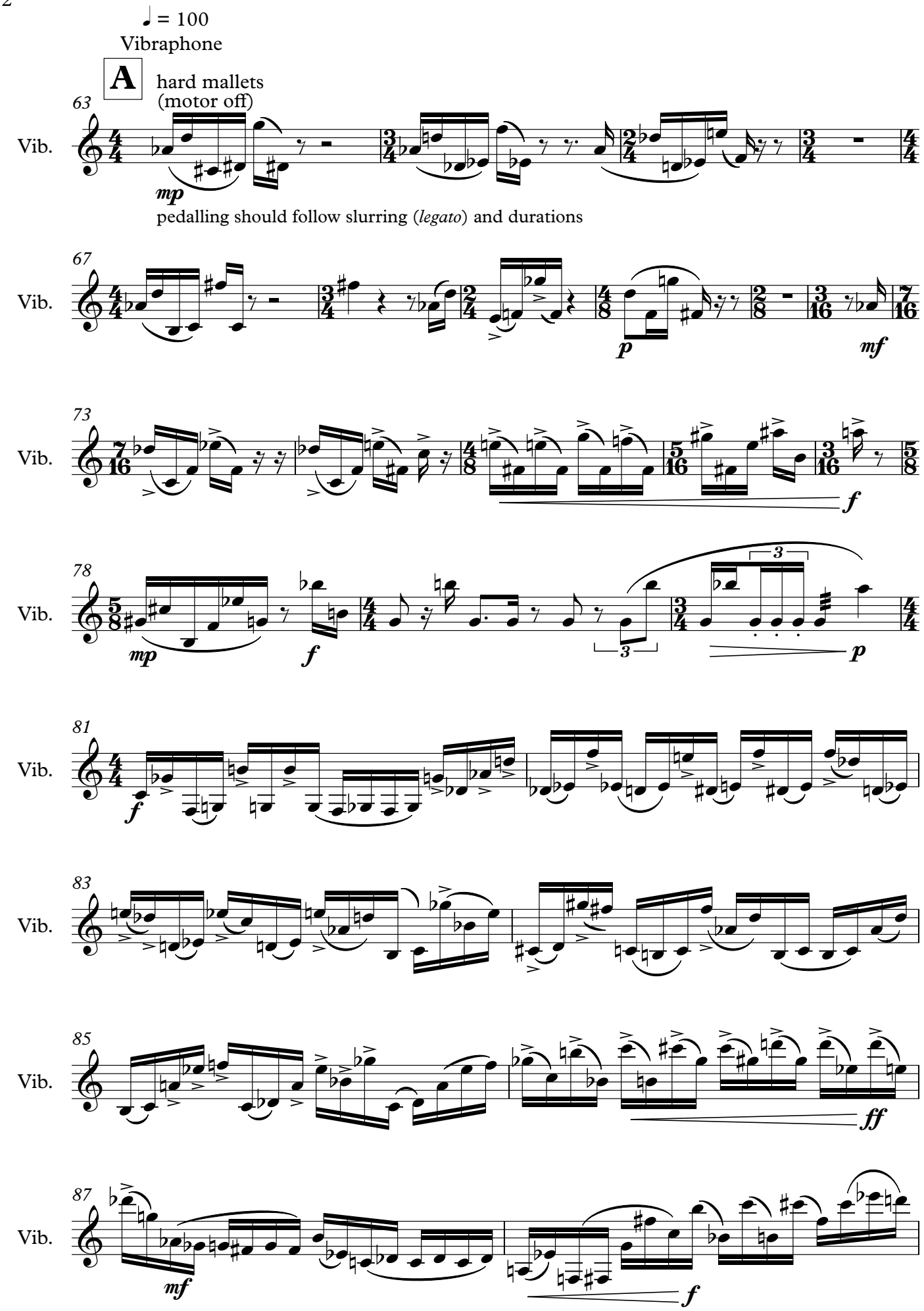
Execution notes:

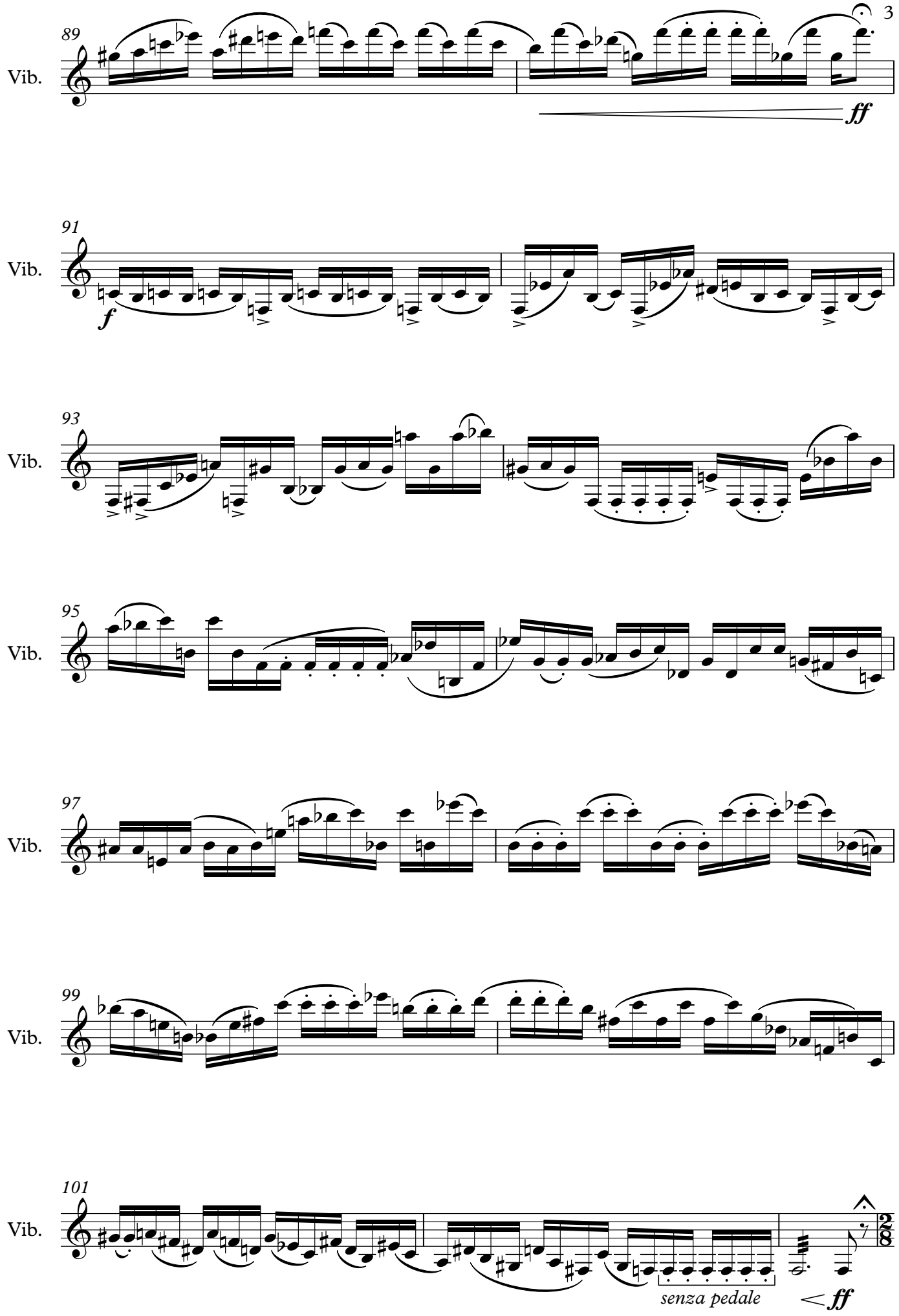
- Suggested setup should be adjusted or changed to meet the performance strategy.
- When the vibraphone is coupled to the timpano (rehearsal mark B), a stage weight is used to lock the vibraphone pedal at half position. It should be placed near the pedal at the start.

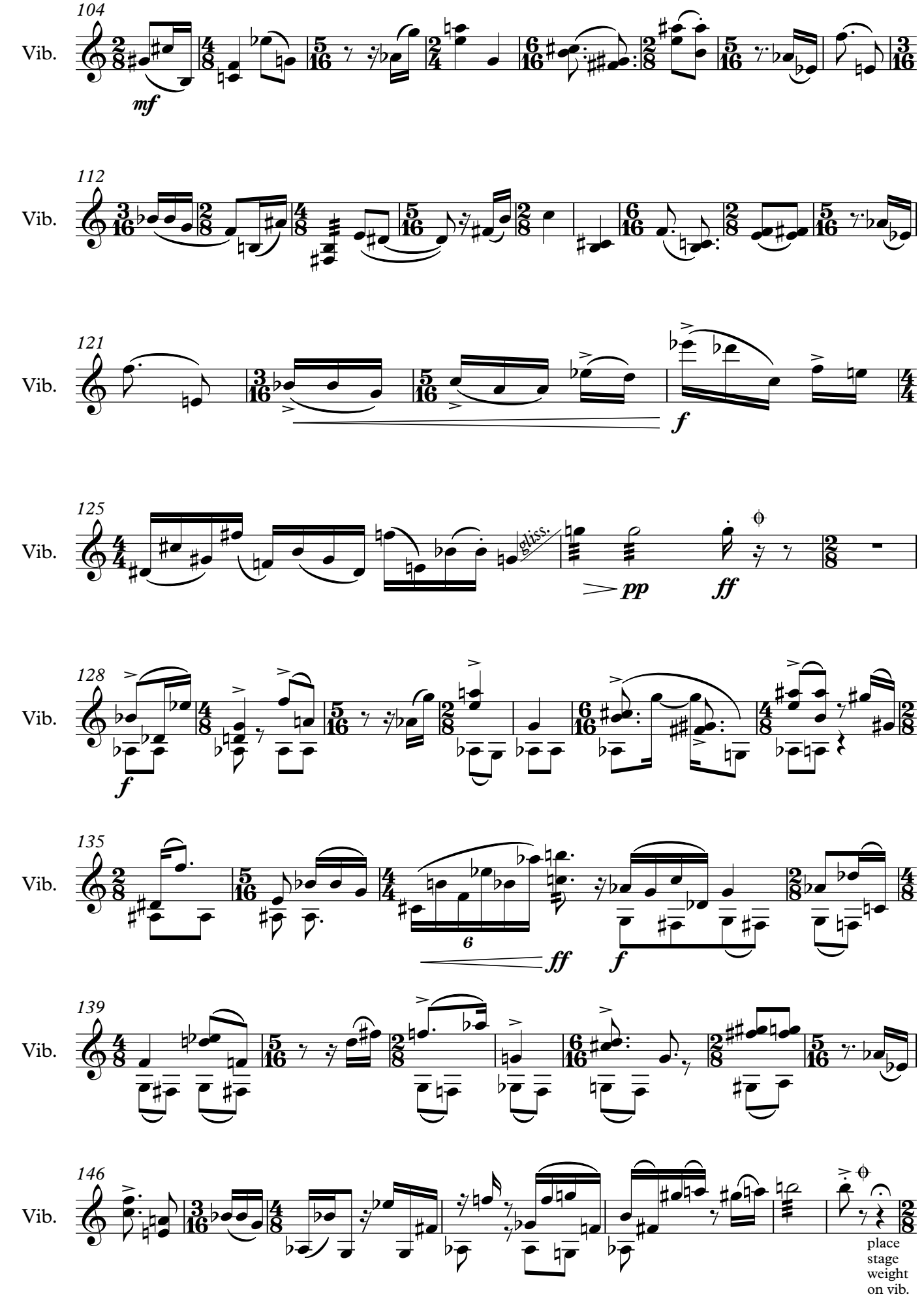
Stochafrica

Gonçalo Gato




♩ = 100
Vibraphone
A
hard mallets
(motor off)
63
Vib.
mp
pedalling should follow slurring (*legato*) and durations
67
Vib.
p
mf
73
Vib.
f
78
Vib.
mp
f
3
p
81
Vib.
f
83
Vib.
85
Vib.
ff
87
Vib.
mf
f


89
Vib.
ff
91
Vib.
f
93
Vib.
95
Vib.
97
Vib.
99
Vib.
101
Vib.
senza pedale
ff


104
Vib.
mf
112
Vib.
121
Vib.
f
125
Vib.
gliss.
pp
ff
128
Vib.
f
135
Vib.
6
ff
f
139
Vib.
146
Vib.
place
stage
weight
on vib.
pedal

B

motor on, slow speed
balance the dynamic of vibraphone and timpano

153

Vib.

Timp.

f

f

gliss.

vibraphone: use stage weight to lock the pedal at half position

161

Vib.

Timp.

gliss.

gliss.

168

Più mosso

Tempo

Vib.

Timp.

gliss.

gliss.

175

Più mosso

Tempo

Vib.

Timp.

gliss.

gliss.

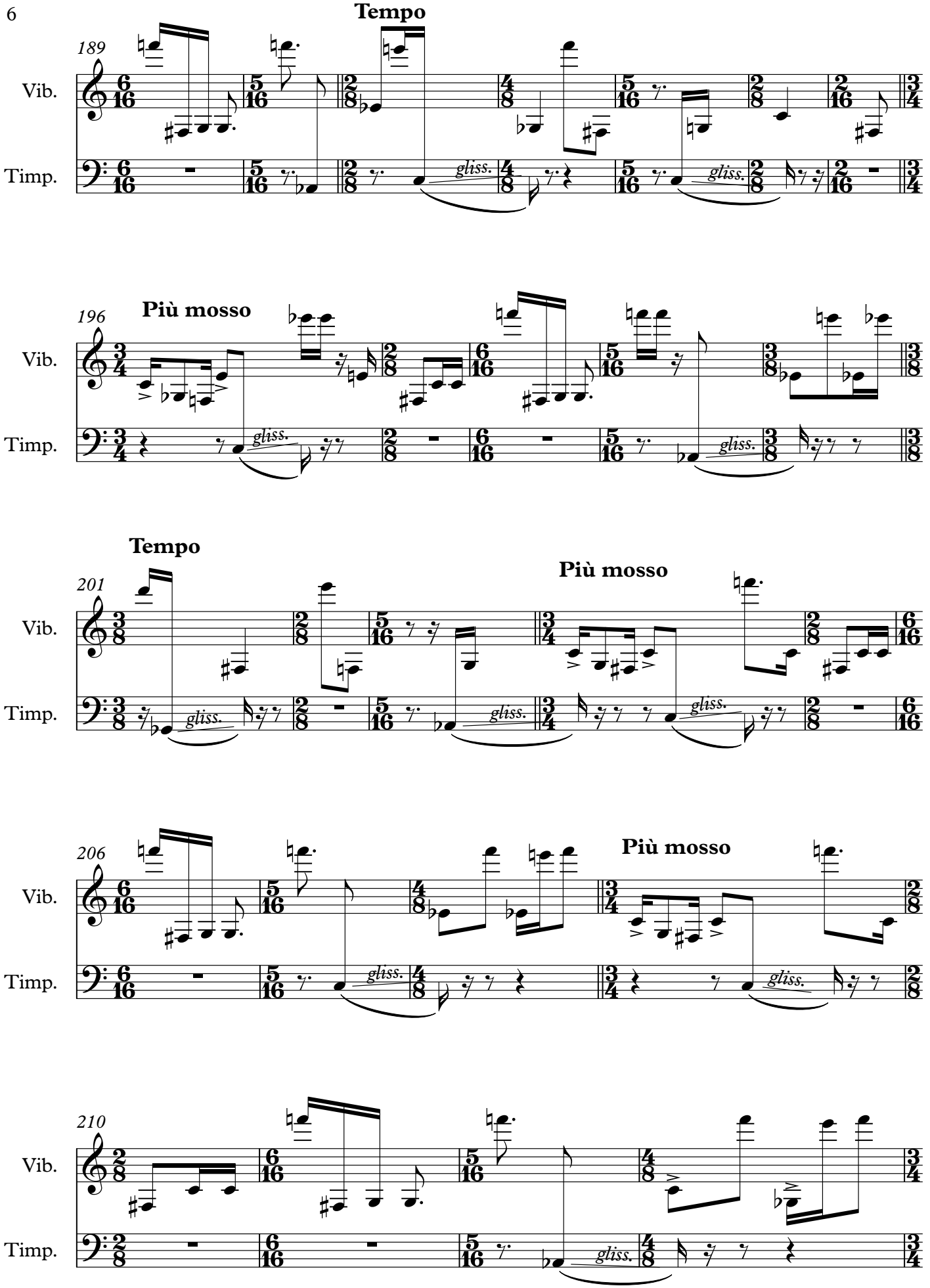
181

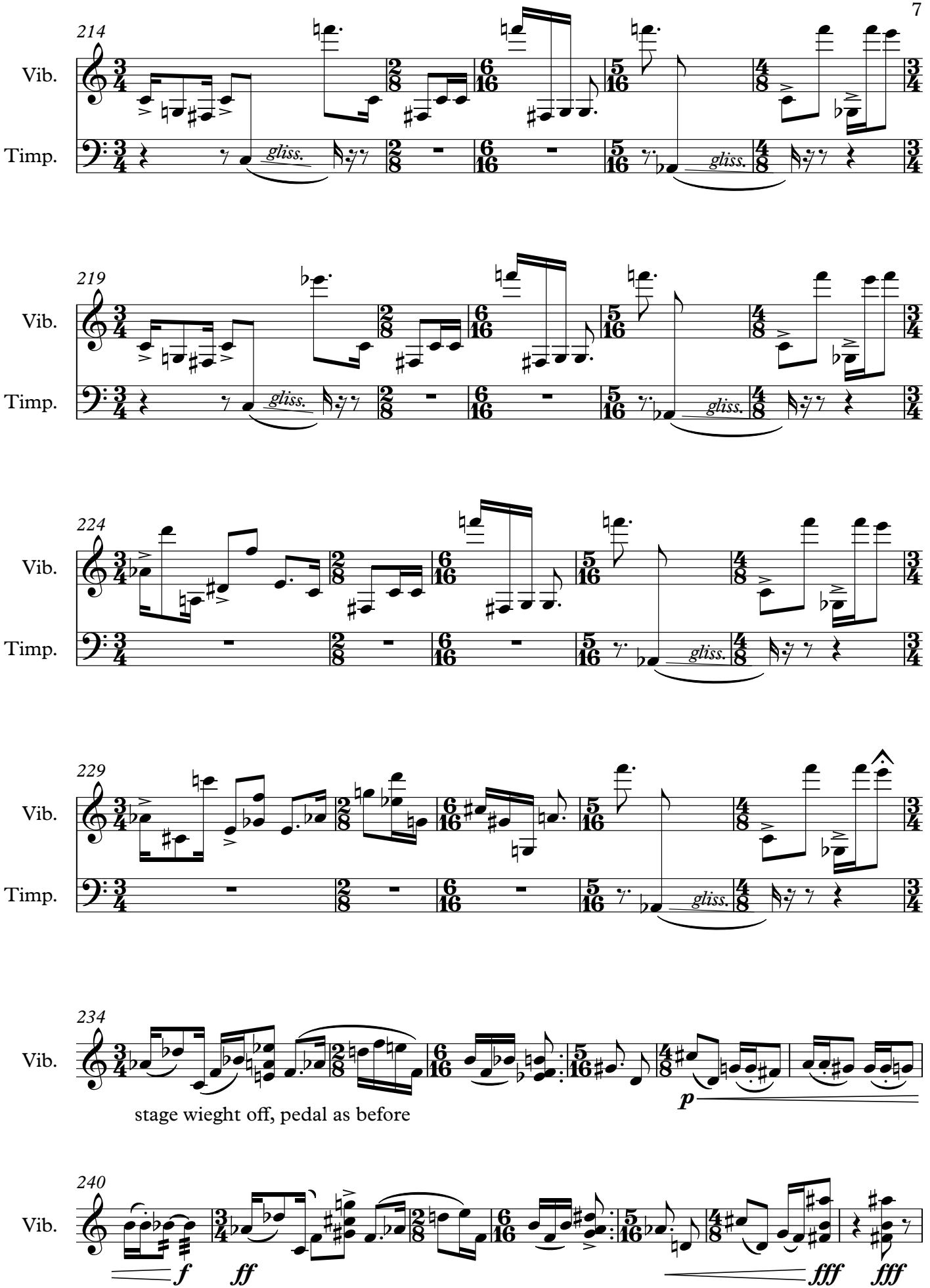
Più mosso

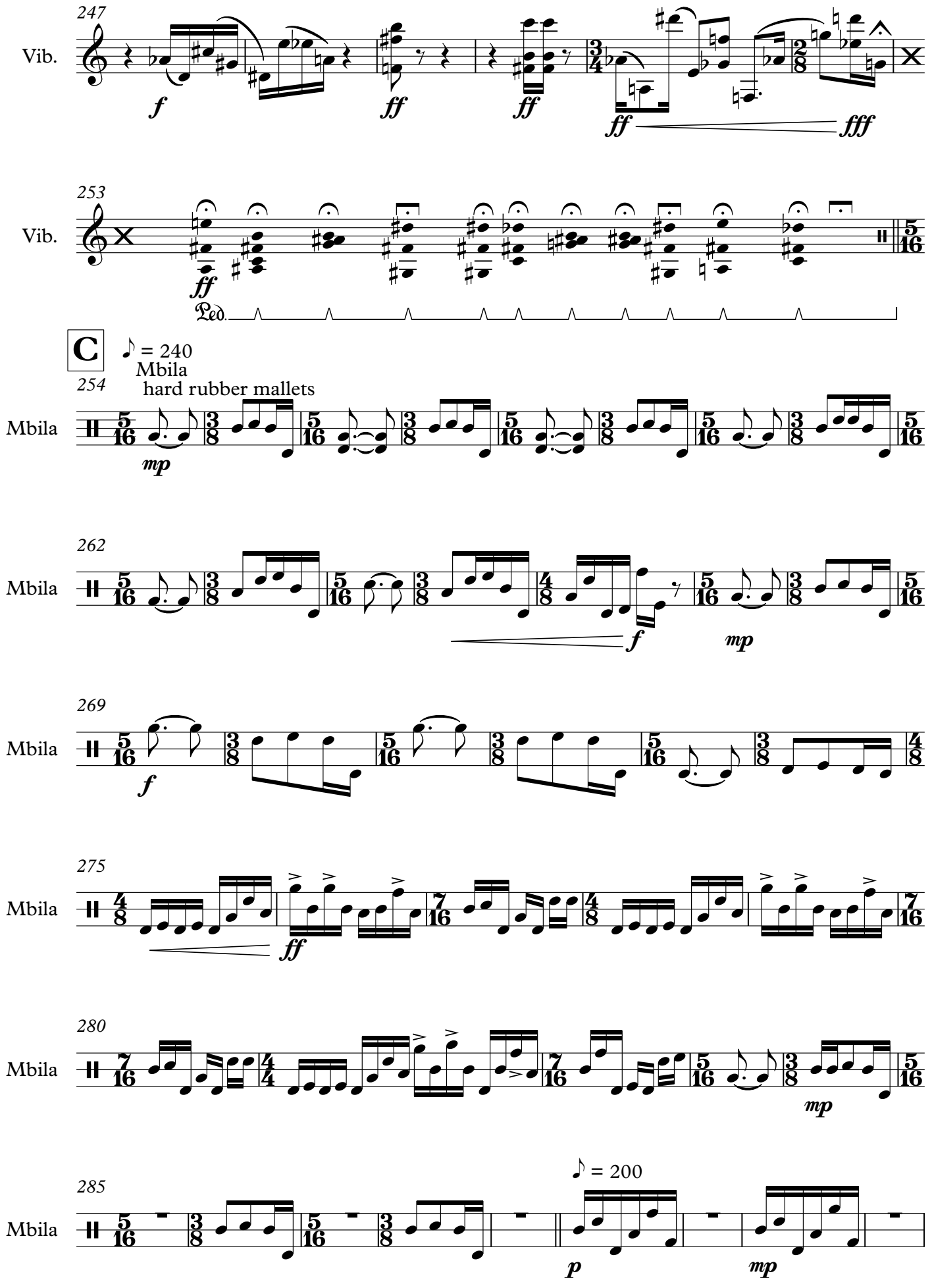
Vib.

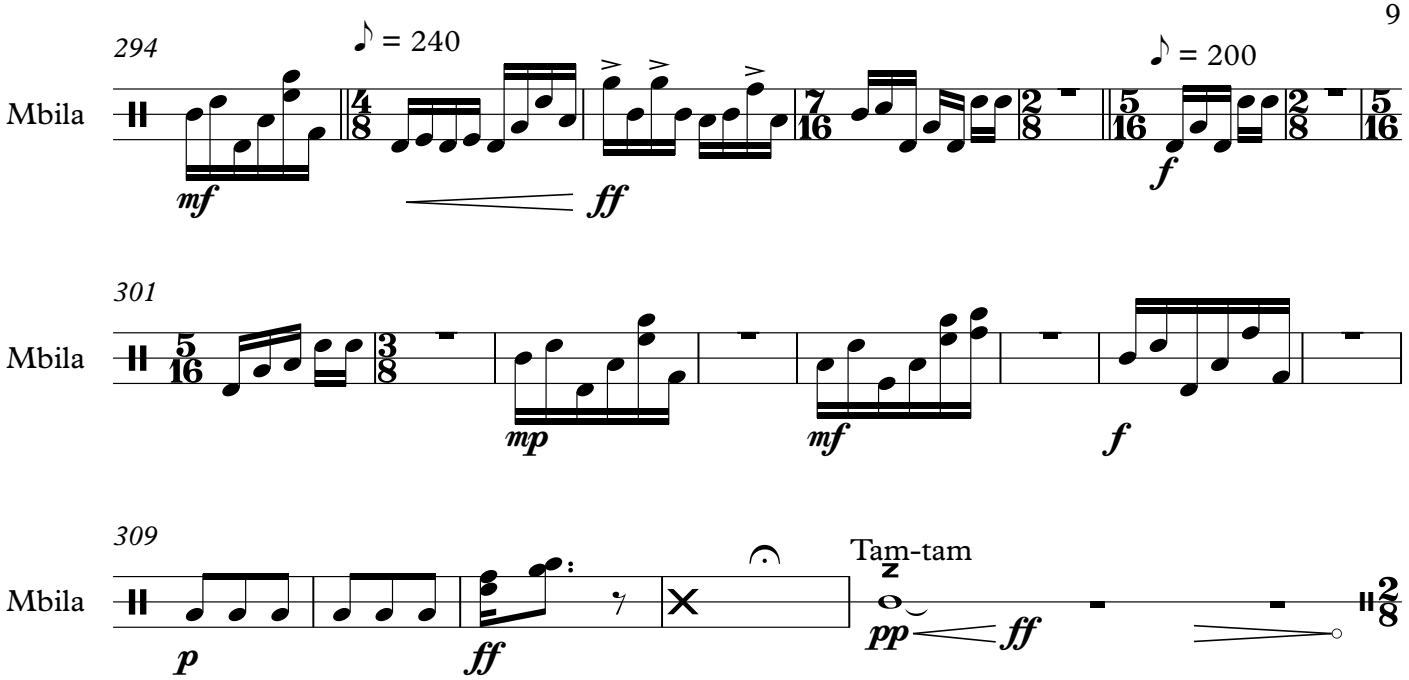
Timp.

gliss.


Tempo
189
Vib.
Timp.
gliss.
Più mosso
196
Tempo
201
Più mosso
206
Più mosso
210


214
Vib.
Timp.
gliss.
gliss.
219
Vib.
Timp.
gliss.
gliss.
224
Vib.
Timp.
gliss.
229
Vib.
Timp.
gliss.
234
Vib.
p
stage wieght off, pedal as before
240
Vib.
f
ff
fff
fff


247
Vib.
f
ff
ff
ff
fff
253
Vib.
ff
Ped.
C
♪ = 240
Mbila
hard rubber mallets
254
Mbila
mp
262
Mbila
f
mp
269
Mbila
f
275
Mbila
ff
280
Mbila
mp
285
Mbila
♪ = 200
p
mp


294
♪ = 240
♪ = 200
Mbila
mf
ff
f
301
Mbila
mp
mf
f
309
Mbila
Tam-tam
p
ff
pp
ff

D ♪ = 280

drum sticks

316

high tom
susp. cymbal
bass drum
triangle
snare drum
low tom

Perc. set

f energico

Timp.

325

bell strike

Perc. set

Timp.

334

Perc. set

Timp.

343

Perc. set

pp < *ff* >

351

snare off

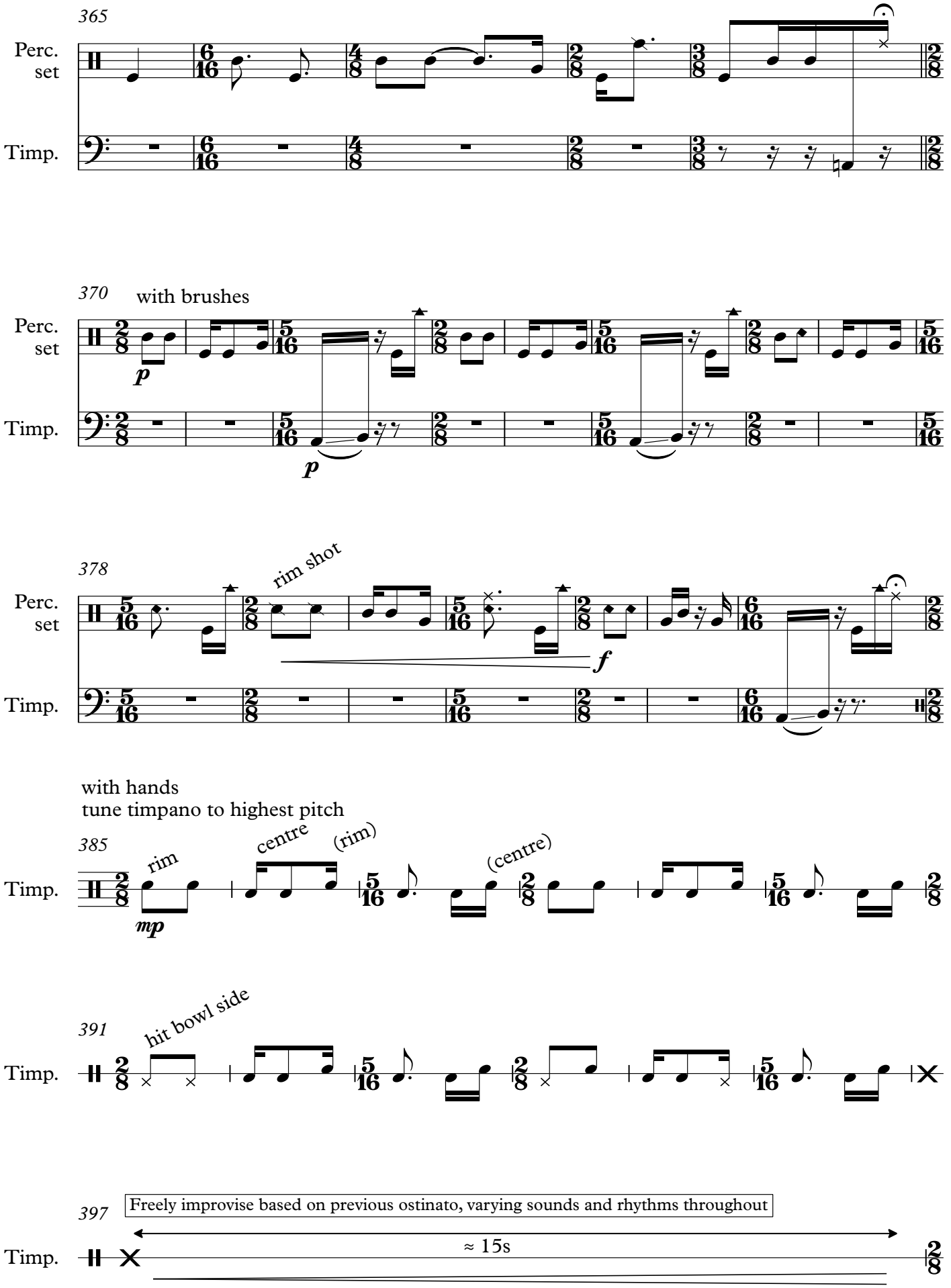
Perc. set

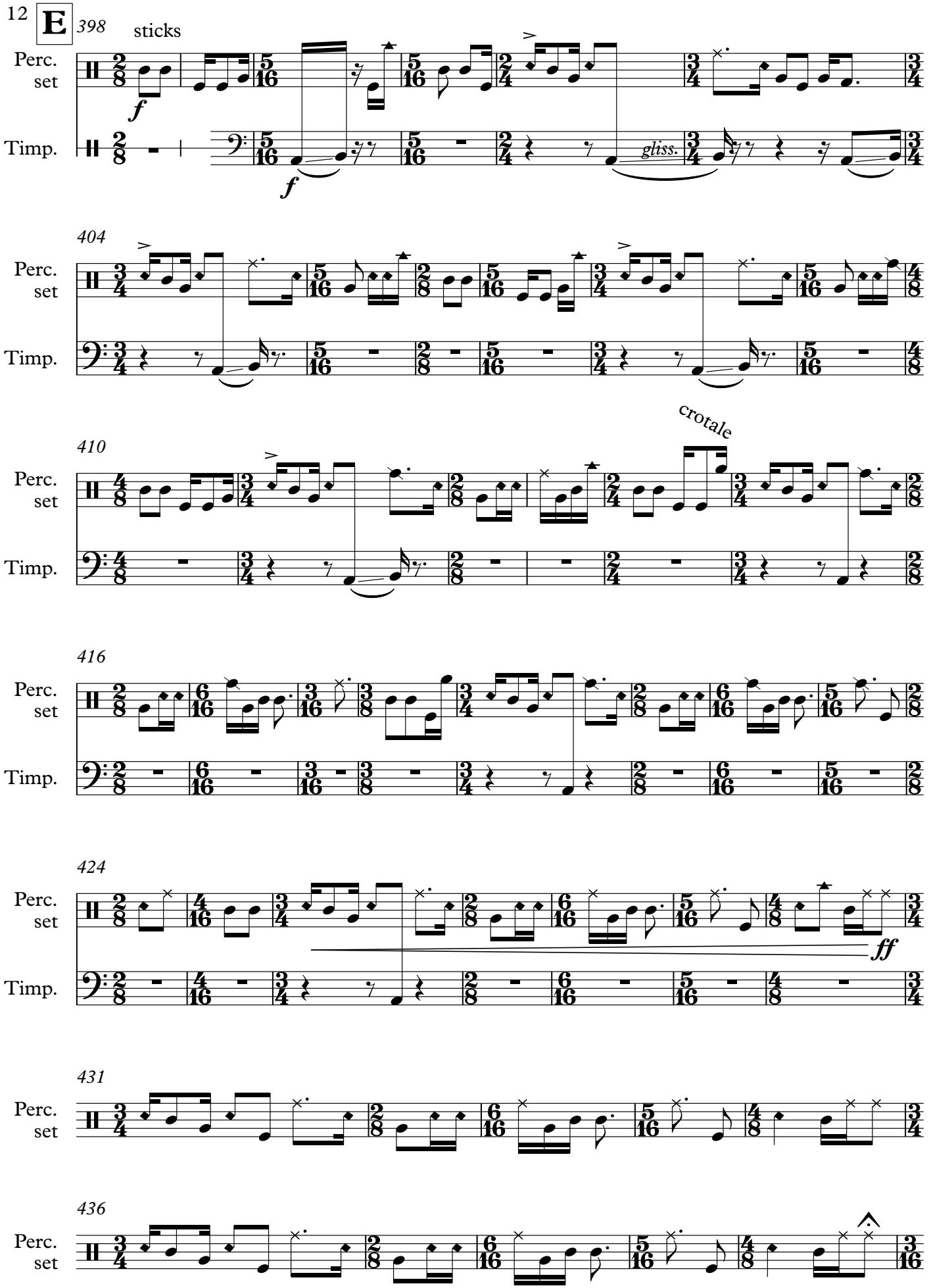
pp *f*

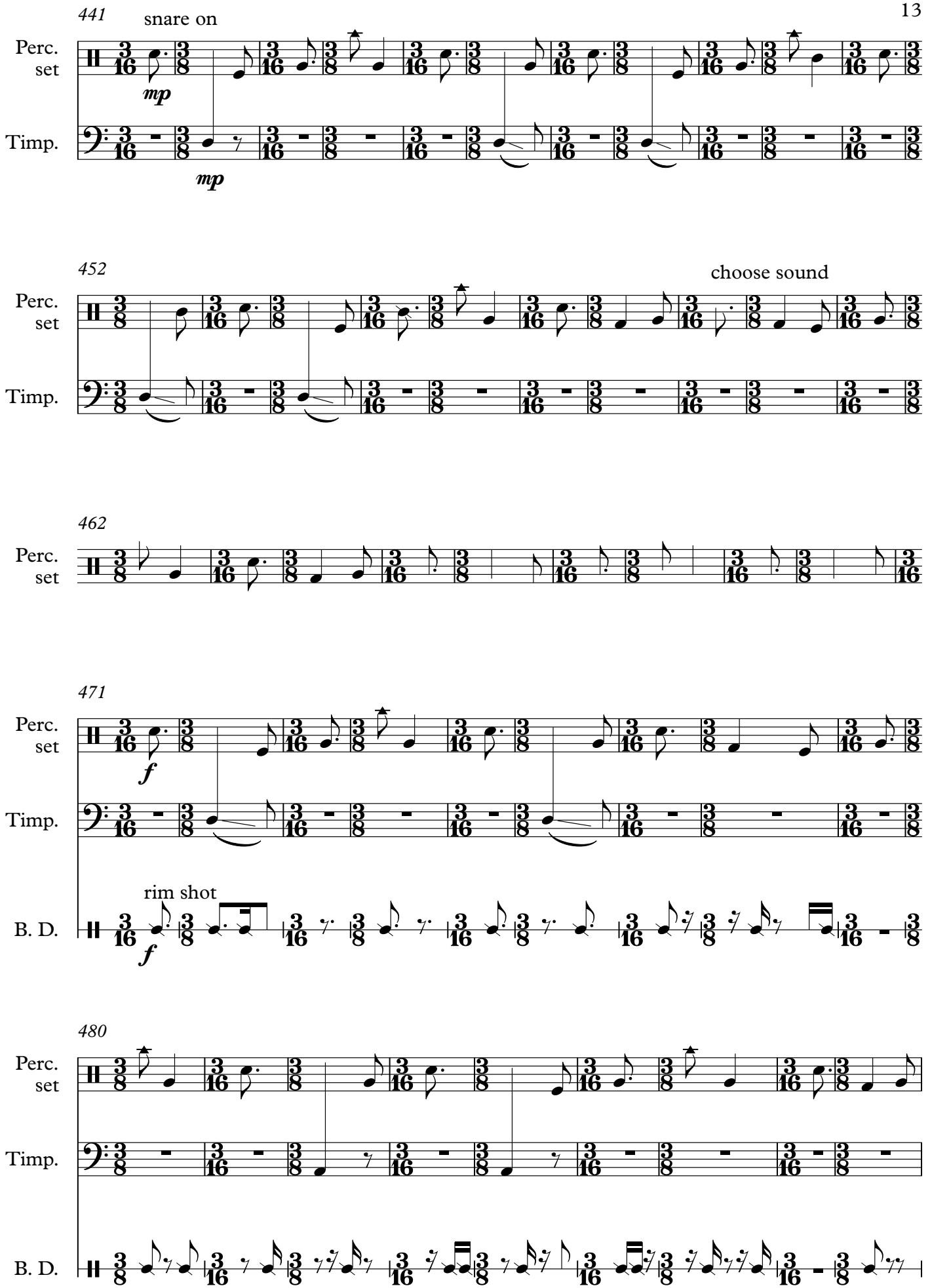
360

Perc. set

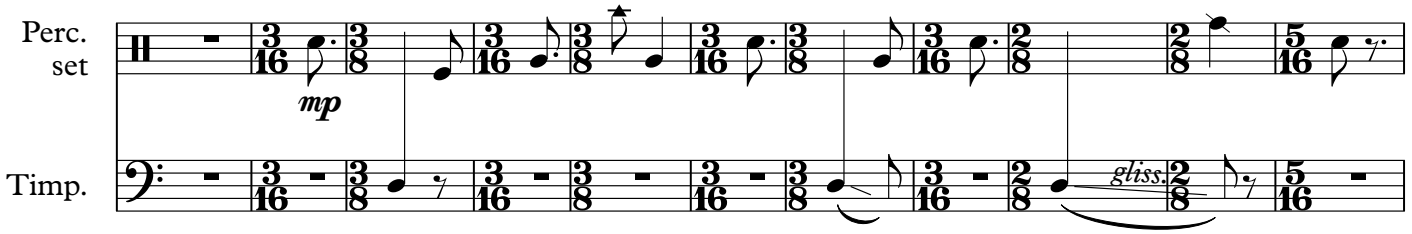
Timp.


365
Perc. set
Timp.
370
with brushes
Perc. set
Timp.
p
p
378
rim shot
Perc. set
Timp.
f
with hands
tune timpano to highest pitch
385
Timp.
rim
mp
centre
(rim)
(centre)
391
hit bowl side
Timp.
397
Freely improvise based on previous ostinato, varying sounds and rhythms throughout
Timp.
≈ 15s

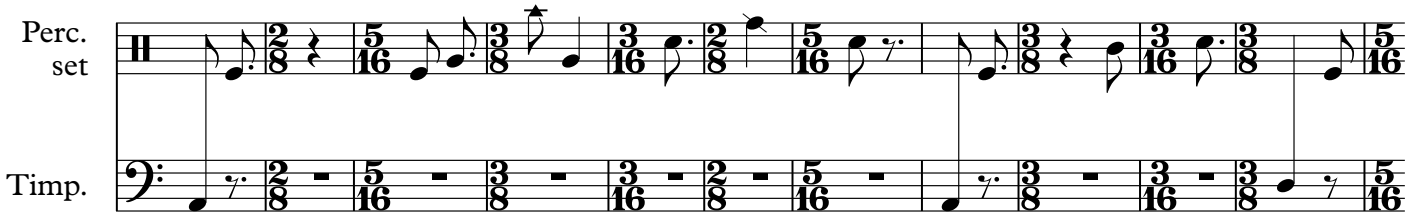

12
E
398
sticks
Perc. set
Timp.
f
f
gliss.
404
410
crotale
416
424
ff
431
436


441
snare on
Perc. set
Timp.
mp
mp
452
choose sound
Perc. set
Timp.
462
Perc. set
471
Perc. set
Timp.
rim shot
B. D.
f
f
480
Perc. set
Timp.
B. D.

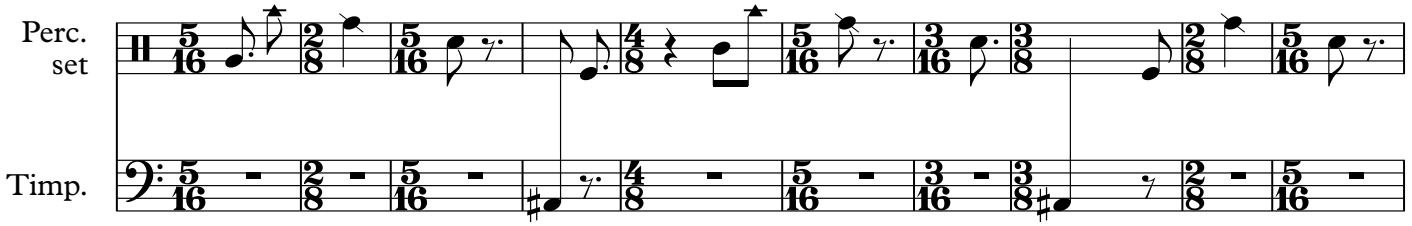
489



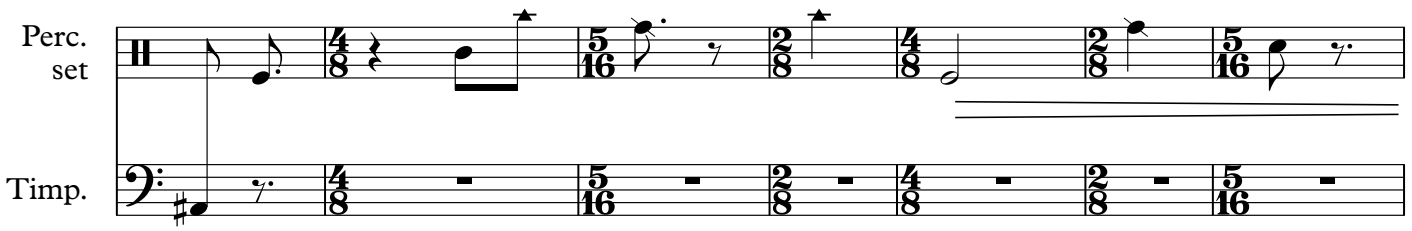
500



511



521



528