

Maximilian Marcoll

Compound No. 4 : *FRICTION MACHINE ALARM SIGNAL CONSTRUCTION*

for violin, viola, percussion, two ad hoc players and electronics

ad hoc I

Commissioned by Deutschlandradio Kultur for Ultraschall Festival Berlin 2011

First Performance: Berlin, Sophiensäle, January 27th 2011

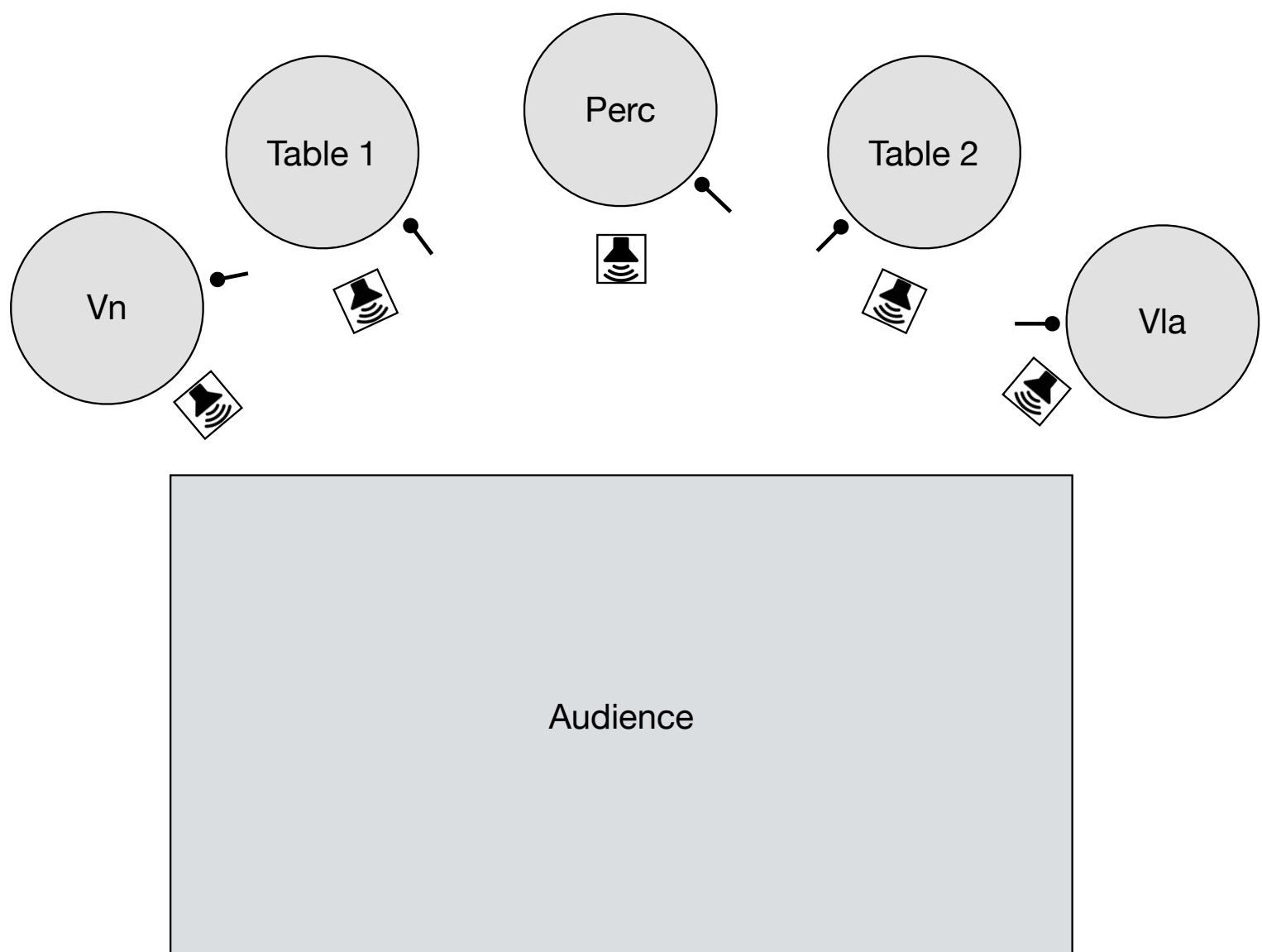
Ensemble Mosaik

Duration: 15 min.

SETUP

The players should be placed in a wide circle in front of the audience. A loudspeaker is to be put down on the floor or on a low stand next to or in front of each of the players respective locations. All players should be amplified with microphones. The two ad hoc players should play on small tables with a wooden surface. The tables will probably need to be equipped with 2 or 3 microphones each. Hypercardioid microphones are strongly recommended to avoid feedback. (The amplification has to be run on high levels.)




There is a click track for all players to synchronise with the tape.



ANNOTATIONS

Tables

There are three different noteheads:

normal	rub/crackle	dead stroke
		

←: rub to the left →: rub to the right ↑: rub away from body ↓: rub towards body

∨ ■ these symbols are used for breath-like rubbing and mean: towards body (inhale) and away from body (exhale)

1

The following items are needed:

- 2 styrofoam plates. approx. 15 cm x 15 cm x 2 cm
- Cigarette cellophane packaging
- 3 crumpled piles of aluminium foil
- 2 plastic boxes, edge length 7 cm, one filled with glass marbles
- a bunch of keys. preferably mounted on a stand but swinging freely, in front of the mic
- metal stick (like a triangle stick)
- plastic, from a rice or noodle packaging, or similar

2

The following items are needed:

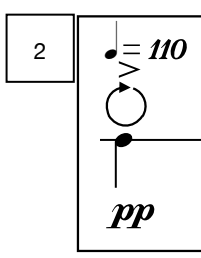
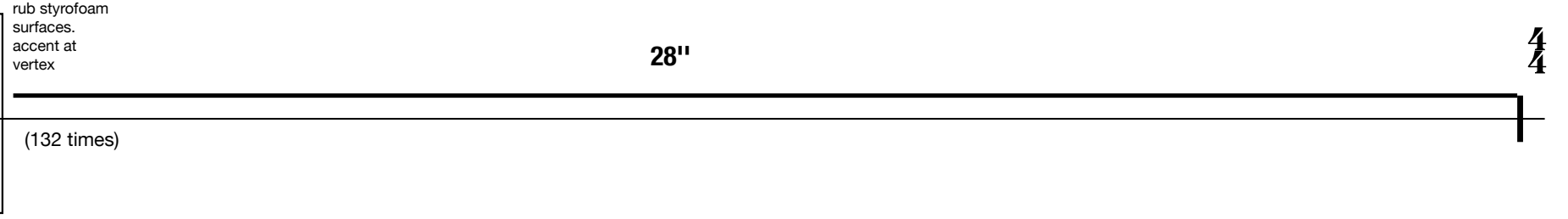
- 2 styrofoam plates. approx. 15cm x 15cm x 2 cm
- Postcard or similar cardboard
- metal sheet, approx. 40 cm x 40 cm
- metal grid, approx. 40 cm x 40 cm
- metal stick (like a triangle stick)
- 2 plastic boxes, edge length 7 cm, one filled with glass marbles

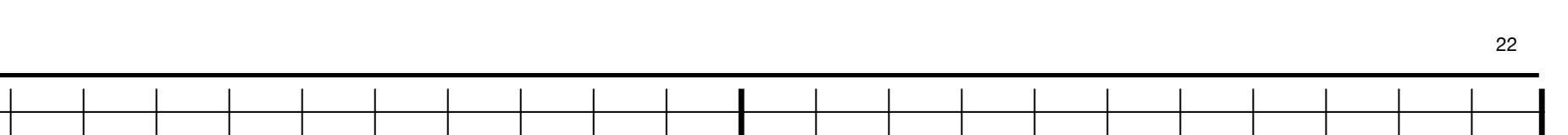
Compound No. 4: FRICTION MACHINE ALARM SIGNAL CONSTRUCTION

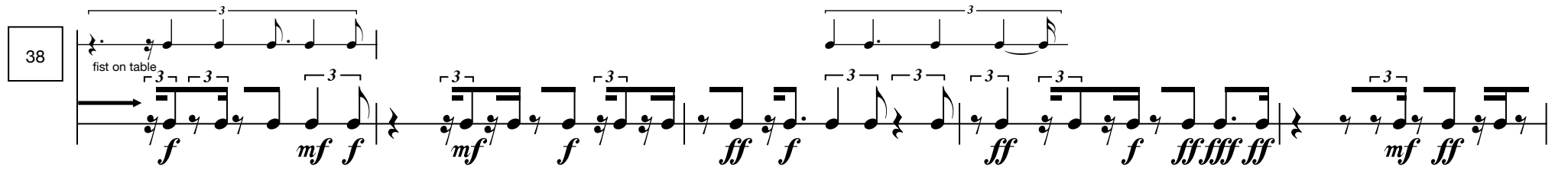
Ad Hoc 1

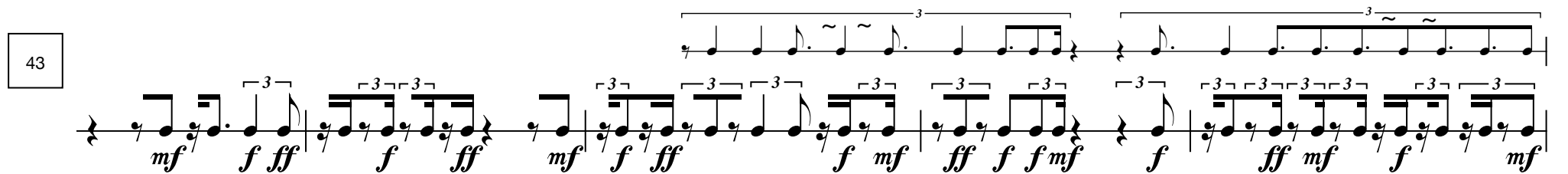
32"

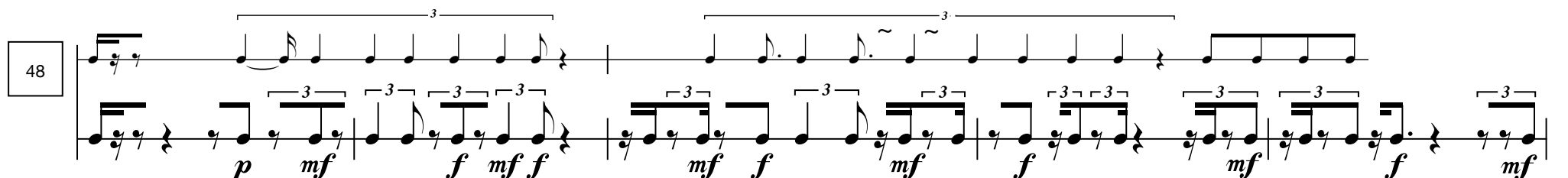
Maximilian Marcoll, 2010

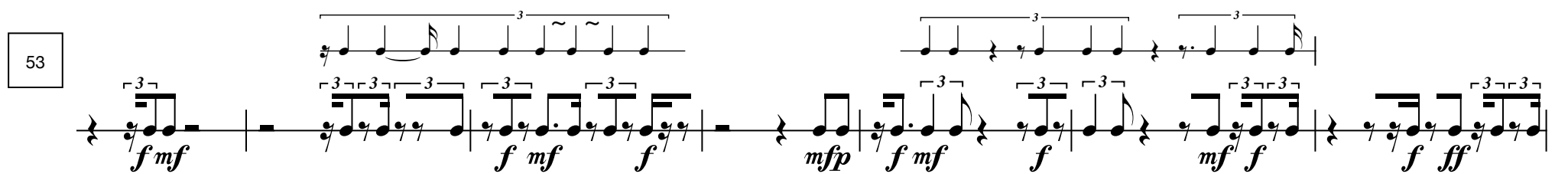
2  rub styrofoam surfaces. accent at vertex
28"  4/4
(132 times)
pp

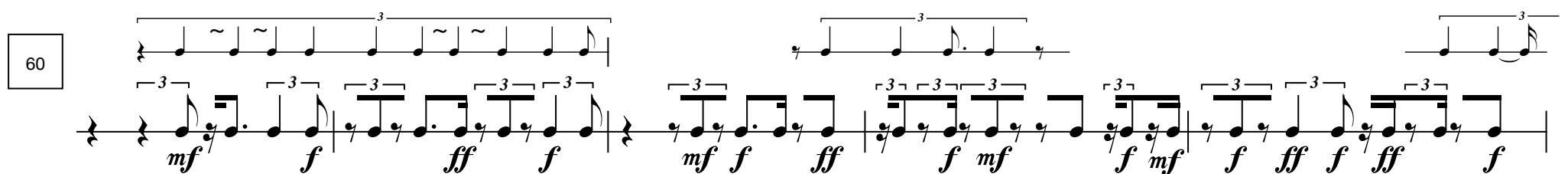
16  4/4  22

38  fist on table
f mf f mf f ff f ff f ffff ff mf ff

43 
mf f ff f ff mf f ff f mf ff f mf ff mf f mf

48 
p mf f mf f mf f mf f mf f mf f mf

53 
f mf f mf f mf f mf f mf f mf f ff

60 
mf f ff f mf f ff f mf f mf f ff f ff

65 
mf ff f ff f mf ff f mf f mf ff f mf f mf f

70

p f mf f ff mf p mf mf f

76

mf ff mf ff mf f mf f mf f f f f f f

83

f f mf f p mf ff f mf

88

p f mf p mf f mf f mf

93

ff f mf mf f mf f mf p mf f mf f

99

p p ff mf

smash aluminium foil pile
touch mic (membrane)

cellophane
fingernails on plastic box

105

111

corpus

117

p mf p pp mf p mf pp p ff pp

move foil on table
fist on table
fist
move foil on table

fingernails on plastic box
cellophane
fingernails on plastic box
cellophane
fingernails on plastic box
cellophane

122 fingernails on plastic box move foil on table fist cellophane fingernails on plastic box move foil on table cellophane fingernails on plastic box move foil on table fist

p *mf* *p* *mf* *pp* *p* *pp* *p* *f* *p*

127 fingernails on plastic box cellophane fist fingernails on plastic box cellophane move foil on table fist cellophane fingernails on plastic box move foil on table

p *pp* *f* *p* *pp* *p* *pp* *p* *p*

132 fingernails on plastic box cellophane move foil on table cellophane move foil on table fingernails on plastic box cellophane fingernails on plastic box move foil on table

p *pp* *p* *pp* *p* *pp* *p* *p*

137 2/4 1 3/4 4/4 fingernails on plastic box fist fingernails on plastic box fist move foil on table cellophane fingernails on plastic box

p *pp* *p* *mf* *p* *ff* *p* *mf* *pp* *p*

142 fist move foil on table cellophane fist fingernails on plastic box fist cellophane fist move foil on table cellophane fist fingernails on plastic box

mf *p* *pp* *f* *mf* *ff* *pp* *p* *pp* *p* *ff* *p*

147 fist move foil on table cellophane fingernails on plastic box fist move foil on table cellophane fingernails on plastic box fist move foil on table cellophane fingernails on plastic box

mf *p* *mf* *pp* *p* *ff* *mf* *p* *pp* *p* *f* *p* *f* *p*

152 cellophane fist fingernails on plastic box cellophane move foil on table cellophane fingernails on plastic box move foil on table fingernails on plastic box

pp *mf* *p* *pp* *p* *pp* *p* *pp* *p*

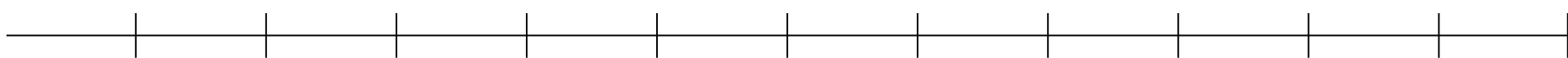
157 cellophane cellophane fingernails on plastic box smash aluminium foil pile touch mic 2/4 4/4 move foil on table cellophane keys (tip from the side) fist

pp *p* *p* *ff* *p* *pp* *ff* *mf* *p*

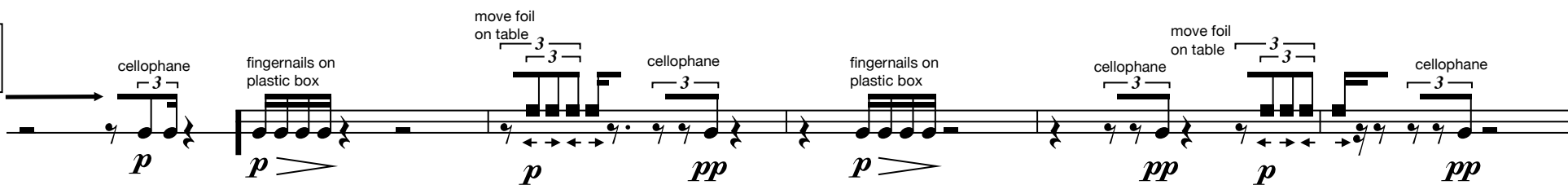
162 rub styrofoam surfaces. accent at vertex = 110 pp

pp

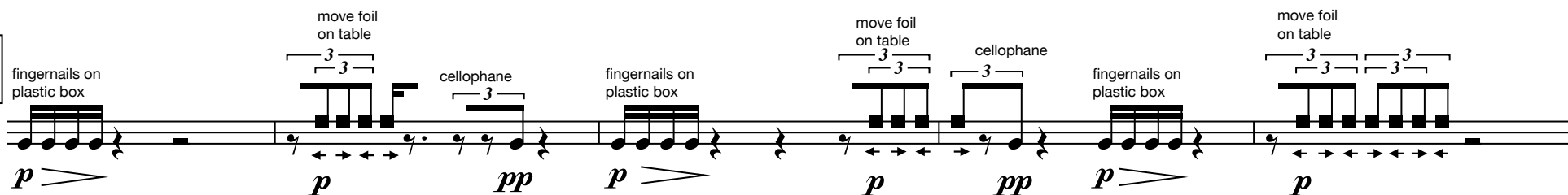
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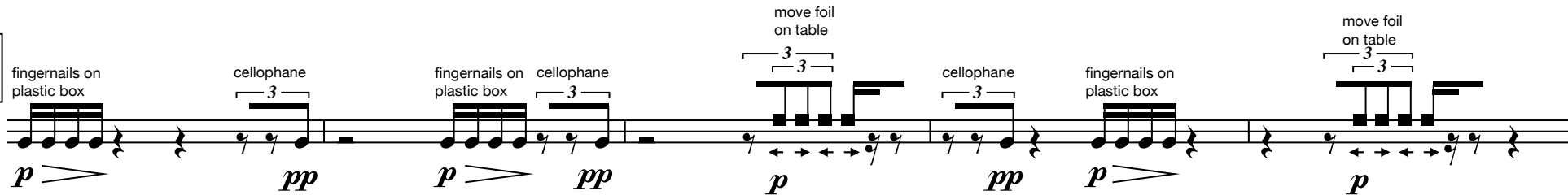
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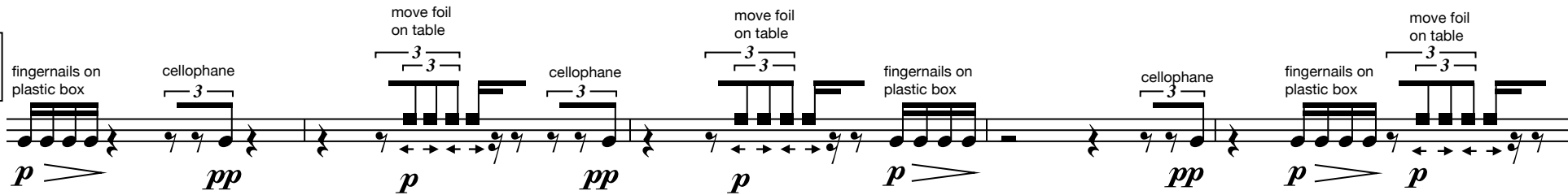
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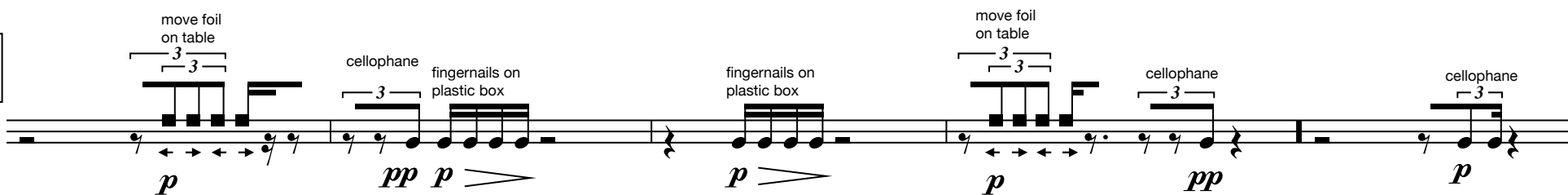
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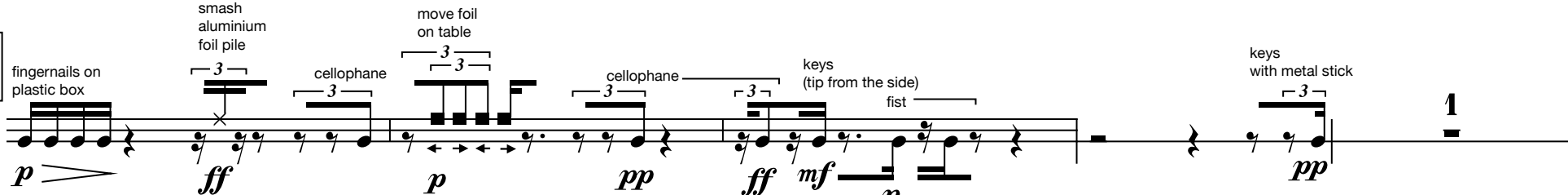
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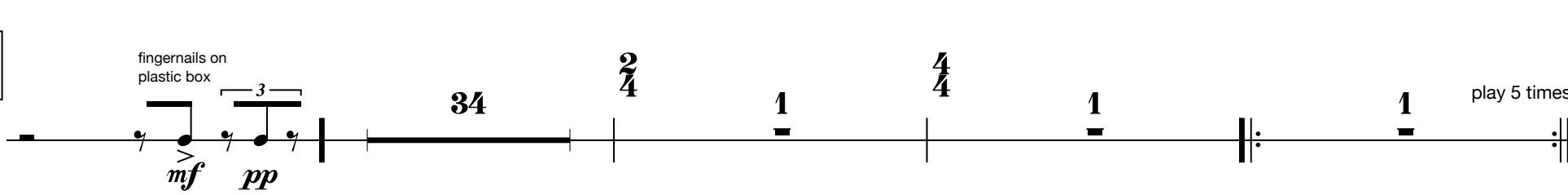
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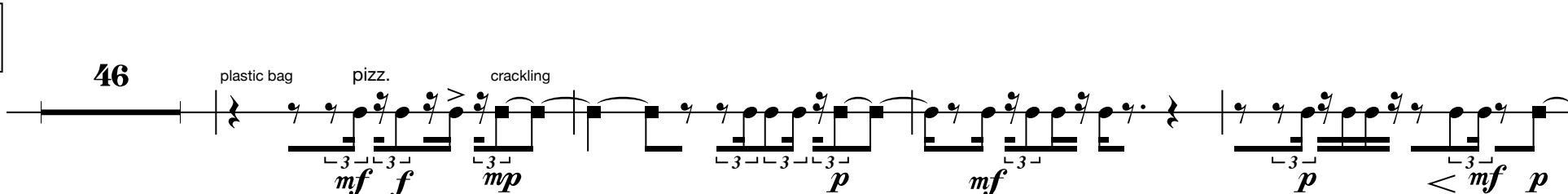
212



217



255



305

Musical notation for exercise 305, featuring eighth notes and triplets with dynamic markings *p*, *mf*, and *p*.

311

Musical notation for exercise 311, featuring eighth notes and triplets with dynamic markings *p*, *mf*, and *f*, and crescendo/decrescendo hairpins.

317

Musical notation for exercise 317, featuring eighth notes and triplets with dynamic markings *pp*, *mf*, and *pp*. Includes time signature changes to 3/4, 4/4, and 5/4.

337

Musical notation for exercise 337, featuring rests and eighth notes with dynamic marking *mf*. Includes time signature changes to 5/4, 4/4, 2/4, 4/4, and 3/4.

plastic box filled with glas marbles,
cant to one side on each quarter,
4 positions, each assigned to a beat
of the measure
1: down (v), 2: left (<), 3: up (^), 4: right (>)

393

Musical notation for exercise 393, featuring eighth notes with dynamic marking *mf*. Includes time signature changes to 4/4, 2/4, and 3/4.

402

Musical notation for exercise 402, featuring eighth notes with dynamic marking *mf*. Includes time signature changes to 4/4 and 2/4.

411

Musical notation for exercise 411, featuring eighth notes with dynamic marking *mf*. Includes time signature changes to 2/4, 3/4, 4/4, 2/4, 3/4, 2/4, 3/4, 2/4, and 3/4.

421

Musical notation for exercise 421, featuring eighth notes with dynamic marking *mf*. Includes time signature changes to 2/4, 3/4, 4/4, 3/4, 2/4, and 3/4.

433

Musical notation for exercise 433, featuring eighth notes with dynamic marking *ff*. Includes time signature changes to 2/4, 4/4, 3/4, 4/4, and 3/4.

put the plastic box around mic,
blow on the bottom of the box