marco doettlinger

ABYSSAL ZONE MUSIC

for Ensemble, Electronics and Visuals
2023

Program-Note

„extremely beautiful musicians of contemporary music ensemble schallfeld perform at rusty abandonned site „schaumbad graz“, for scuba, fish, squids and some grenadiers, the piece „abyssal zone music“ by composer marco doettlinger at the bottom of the ocean in megalophobic, submechanophobic murky waters on old polaroid expired film with cinematic postprocessing lights“
(Stable Diffusion 1.5 Prompt, Januar ’23)

Written for Ensemble Schallfeld.

DURATA ca. 16:00

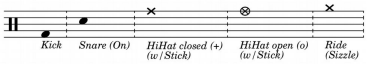
Supported by

Bundesministerium
Kunst, Kultur,
öffentlicher Dienst und Sport

Instrumentation
Flute(C), Bass-Clarinet(B), Drumset, Akkordeon, Keyboard (Sampler), Violin, Cello, Doublebass

TRANSPOSED SCORE

All acoustic instruments amplified.

- DRUM SET
Bass Drum, Snare Drum, Sizzle Ride Cymbal (21''), Hihat

- Midi-KEYBOARD (61 Keys: C2 – C7: midinote 36 - 96)
Samples for each key are produced in 48kHz samplingrate and are stereo (including panning).
Feel free to use a sampler software of your choice or the provided Pure Data patch (dont use ADSR envelopes, only very short release-durs (to avoid clicks) and make sample looping for each key).

Technical Setup

PA witch 2 Fullrange-Speaker (& 1 Subwoover)
Midi-Keyboards (with sampler software)
Microphones to amplify ensemble (inkl. Drumset)
Clicktrack for Conductor (and optional also for Drummer)
Beamer/Canvas and Computer with decent graphics card and Touchdesigner Software
(1 line-input for audioreactive visuals: All music is mixed to one channel and sent to TD).

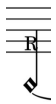
Dynamics written in score

Samples and Drumset: mf/f foreground.
Other instruments: soft (o,mp/mf) → f show background → foreground of events.

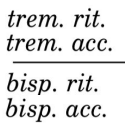
This does not mean that a forte of the instruments (except drums/keys) has to be excessively loud.
The global volume of the music is done at the mixing console and in general should not be too soft. Make the volume dependent on the drums part so that the drummer can play comfortably.
It is not about a natural sound of the acoustic instruments, it is more important that they fit well into the electronics and drumset sound (compress if necessary).

Explanation of signs

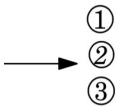
Flute & Clarinet



Air noise with flutter tongue
(very deep in throat),
very snoring, vary the timbre
each time.



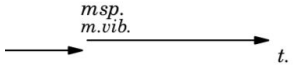
Trem./Trill/bisp. speed up
/slow down, rhythm towards
end of piece very exaggerated



overblown: approximate
slightly (1)
more (2)
very high (3)
(spectral multiphonics
with transitions)

Strings

increased bow pressure,
subharmonic distortion
(vary subharmonics)



molto vibrato
(very exaggerated)

molto sul ponticello

transitions between non
vibrato and vibrato

and transitions between tasto
and msp.

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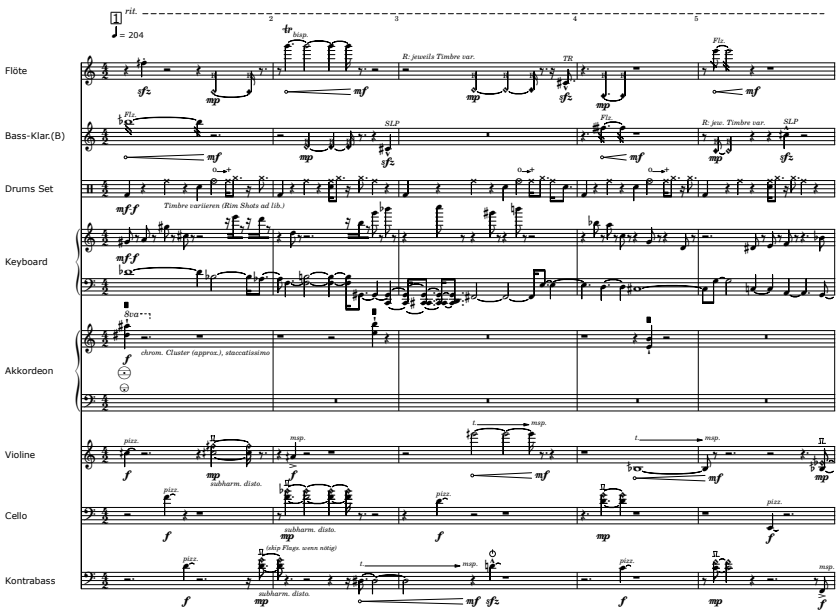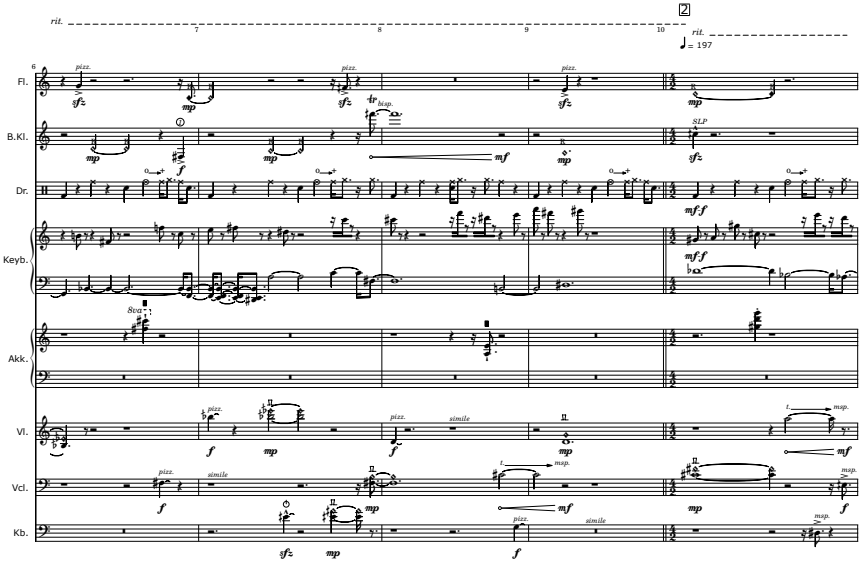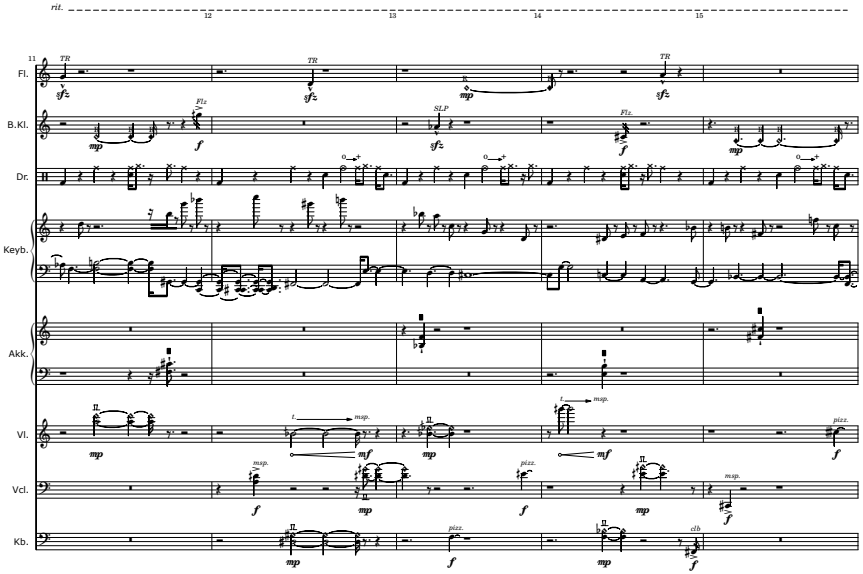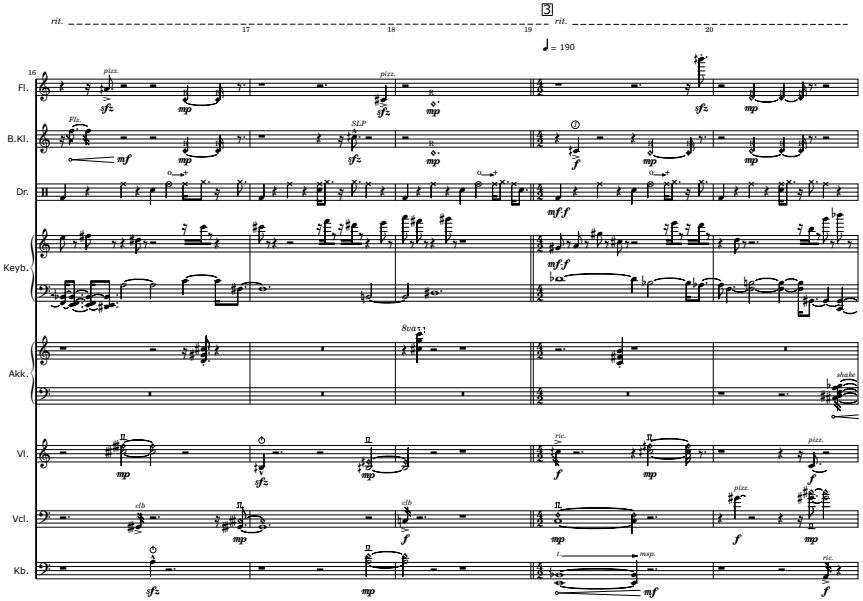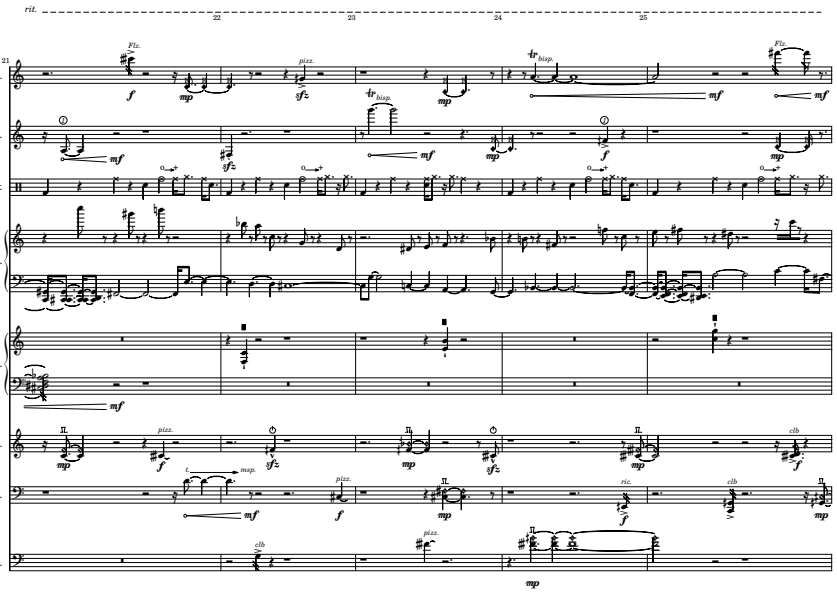
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Vl.
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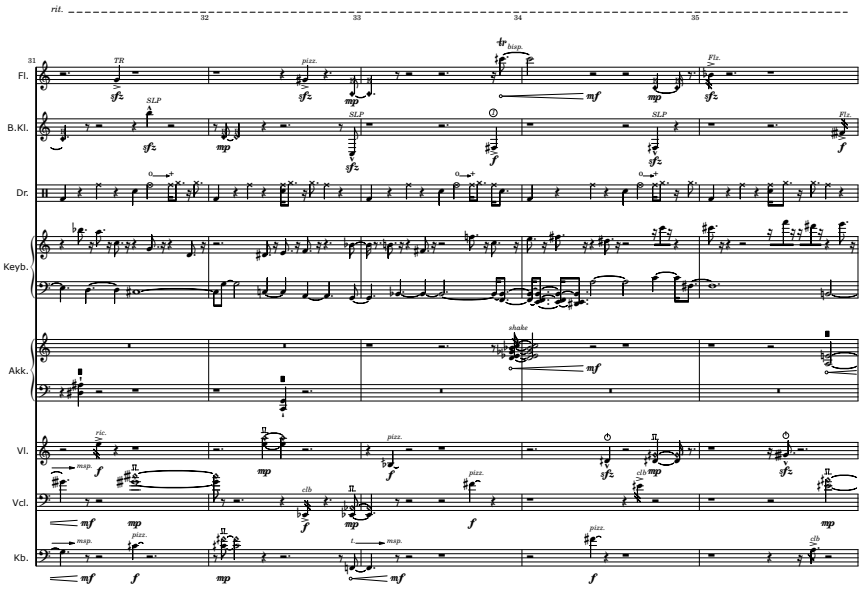
Kb.

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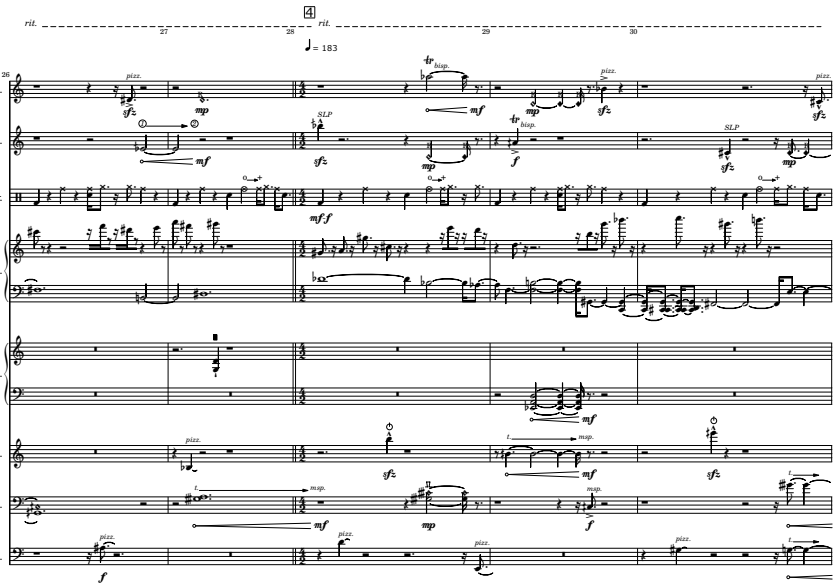
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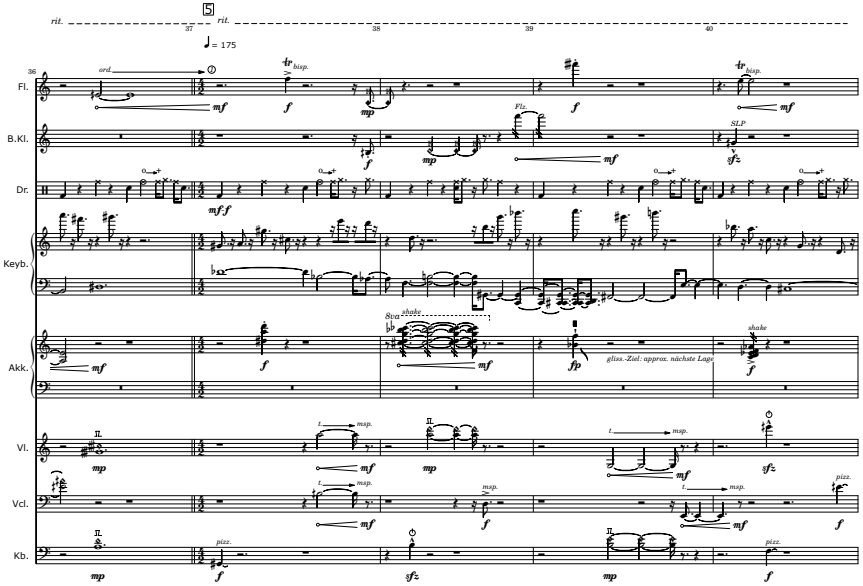
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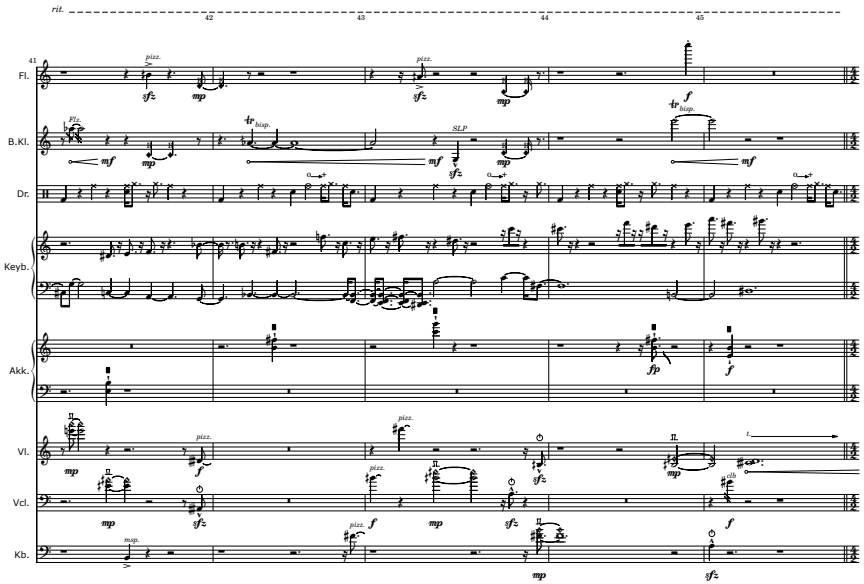
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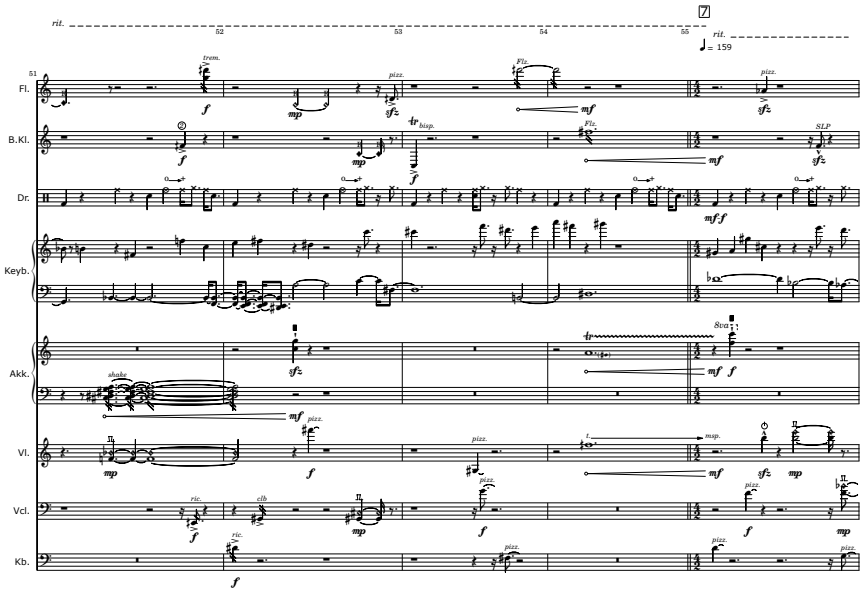
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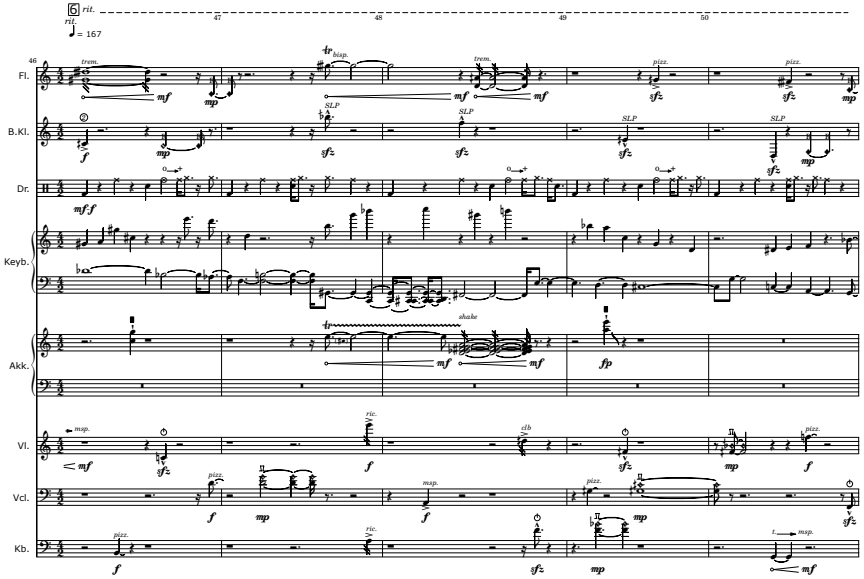
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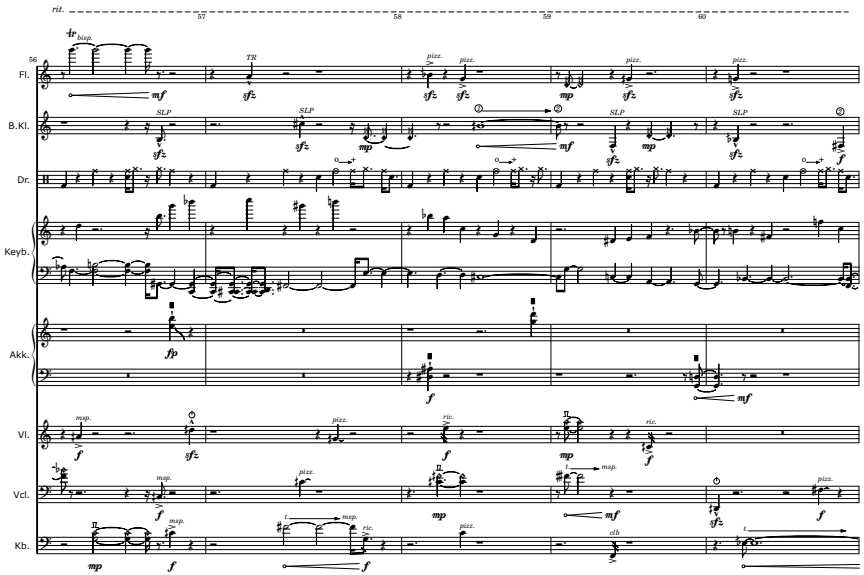
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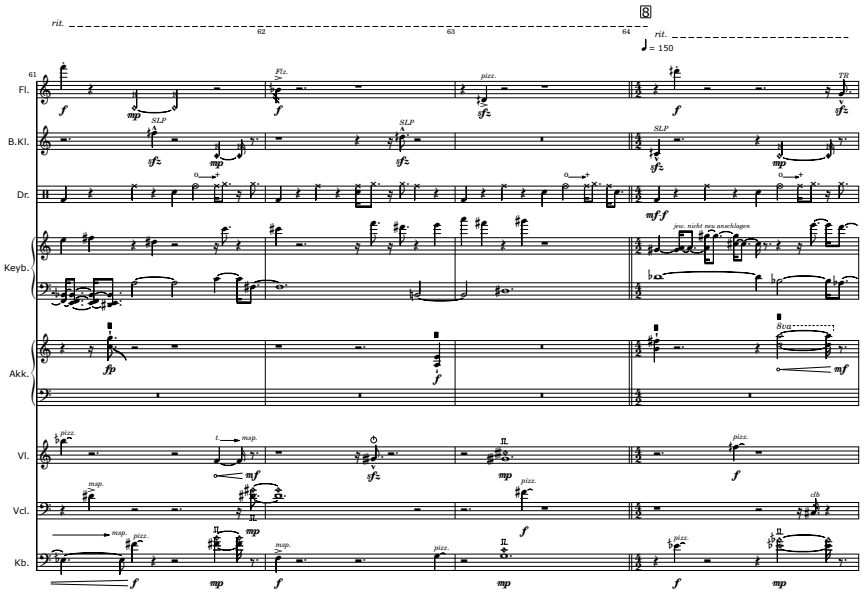
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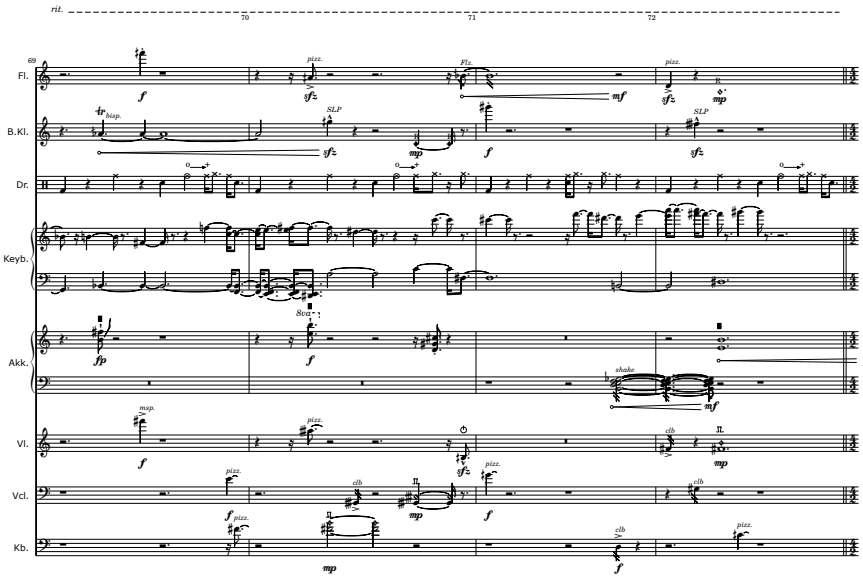
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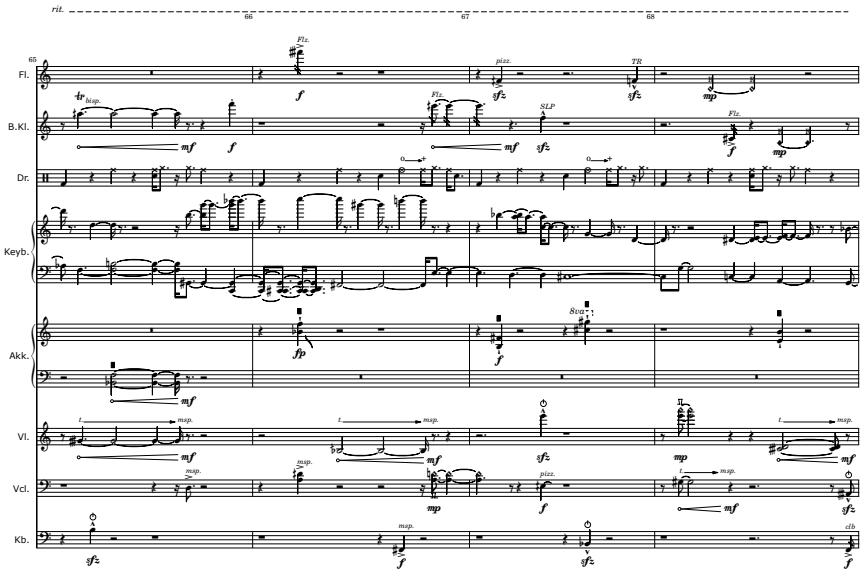
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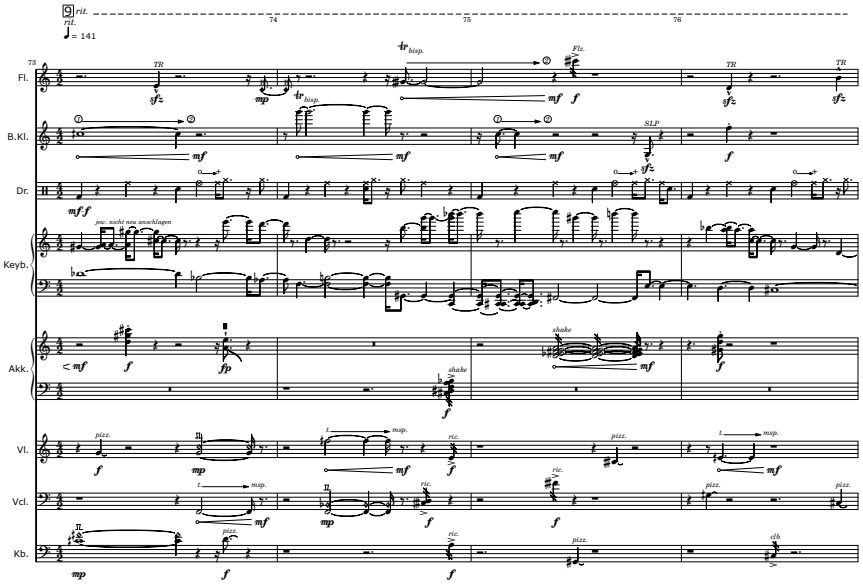
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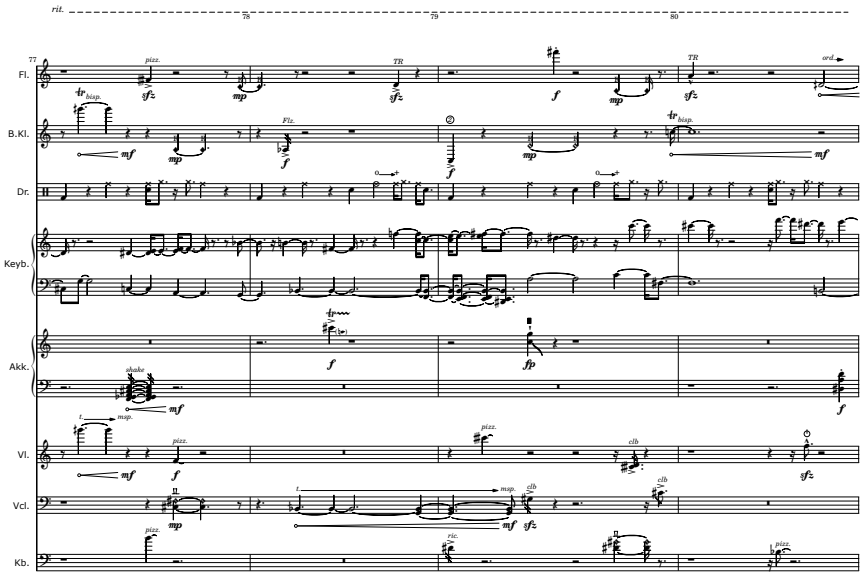
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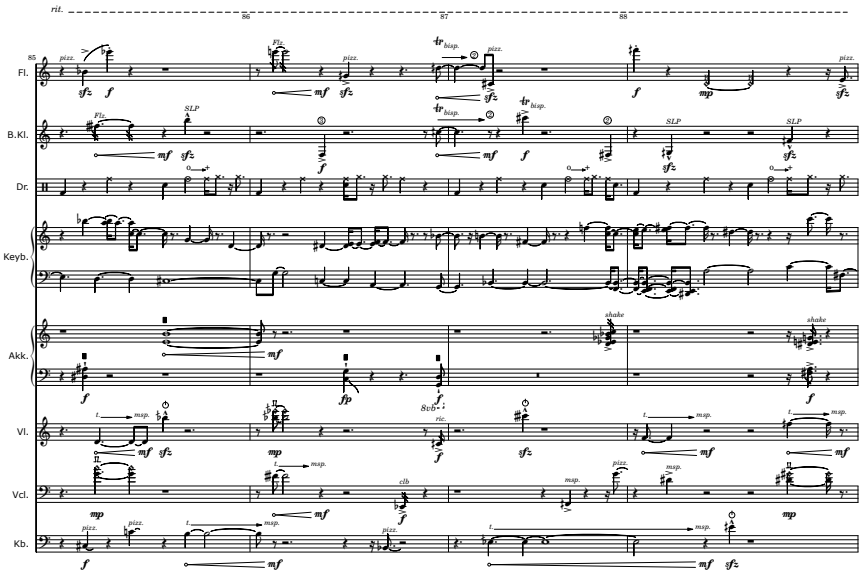
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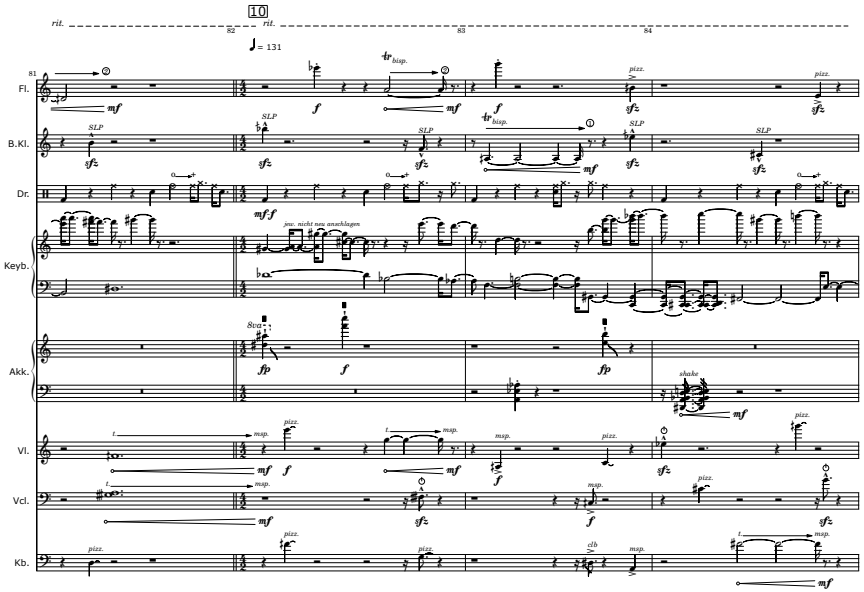
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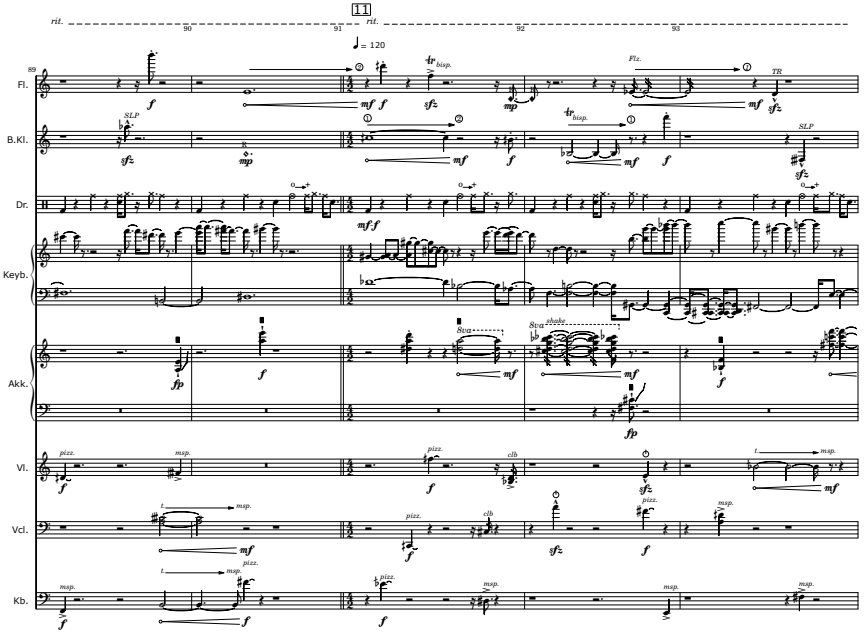
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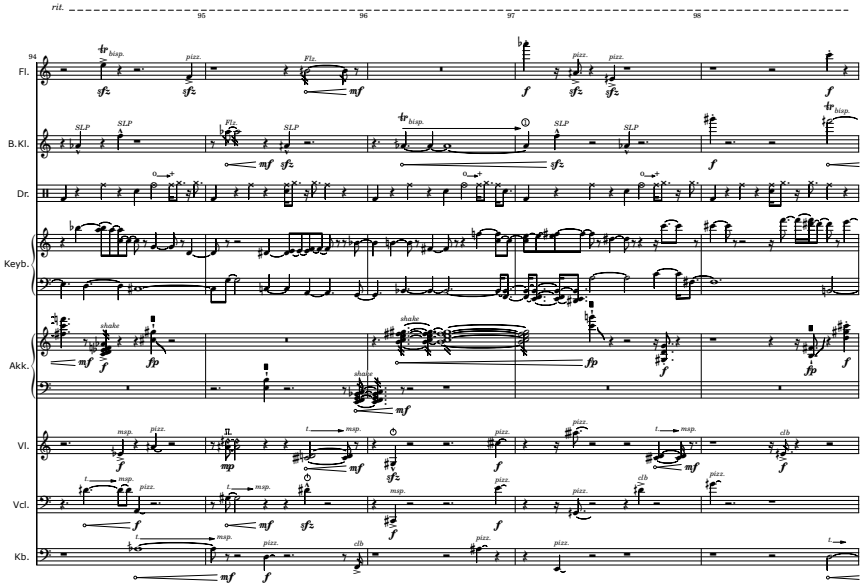
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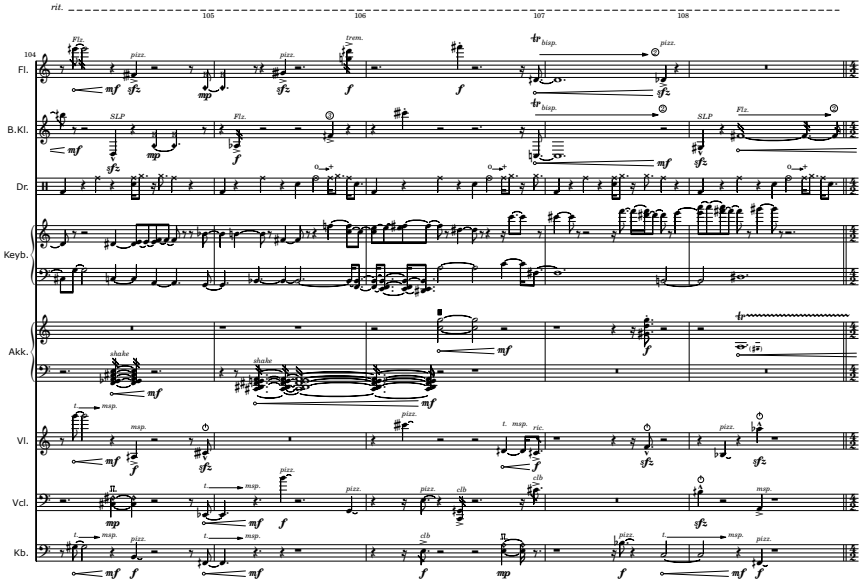
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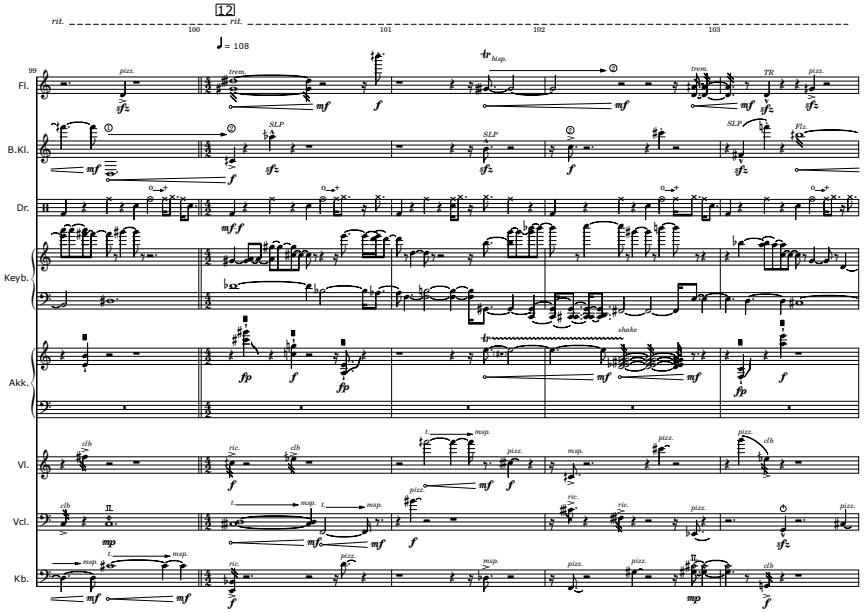
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♩= 108
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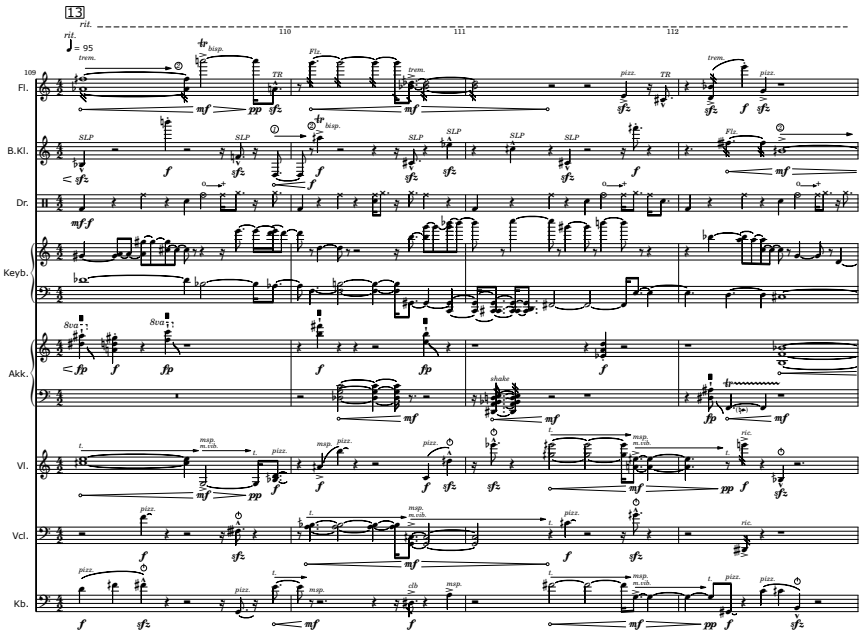
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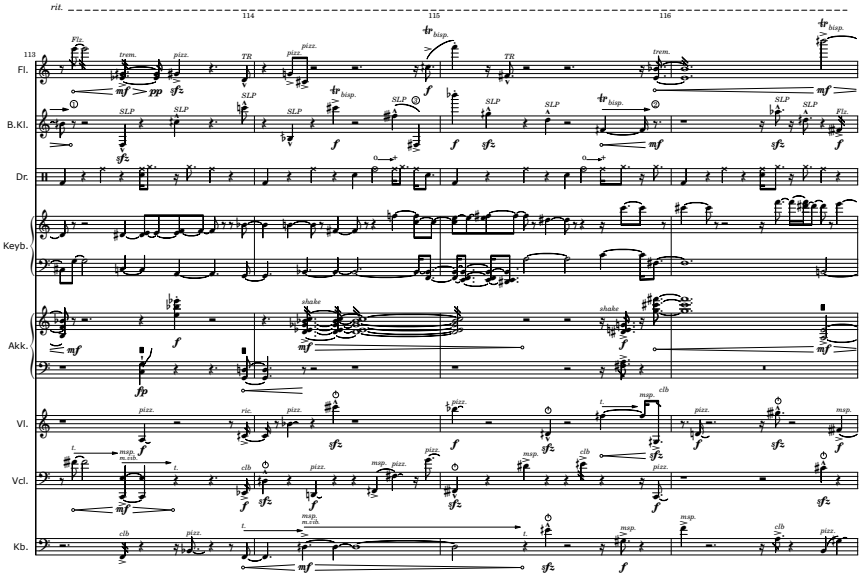
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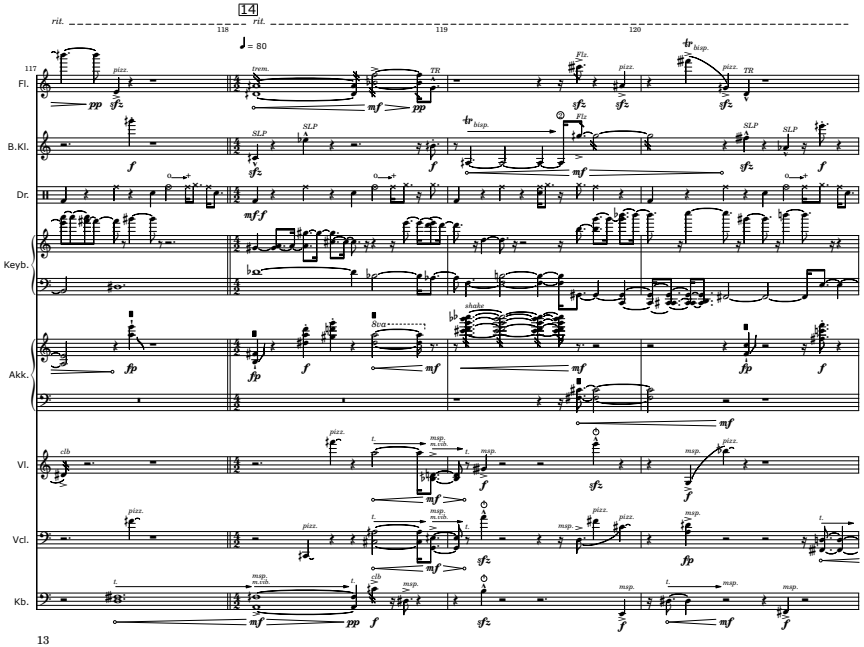
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14
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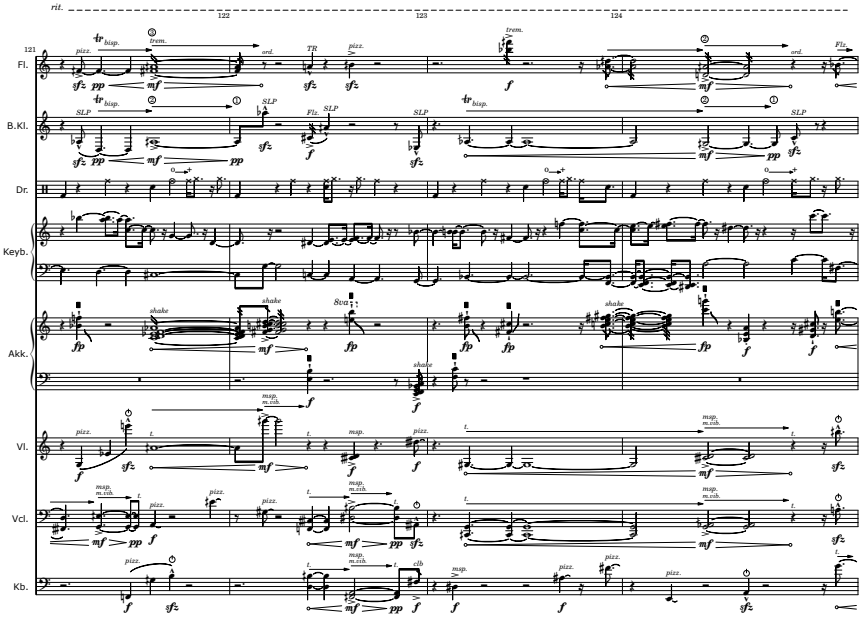
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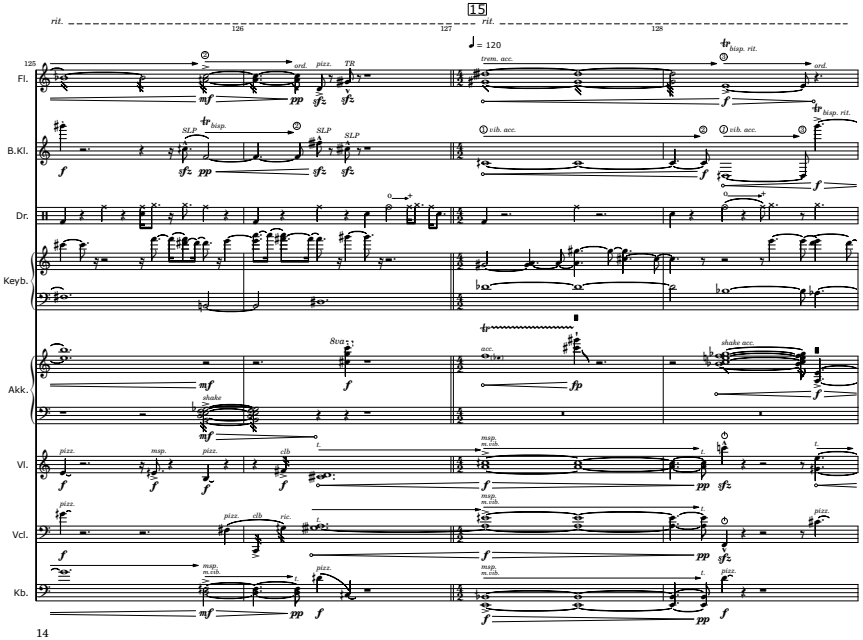
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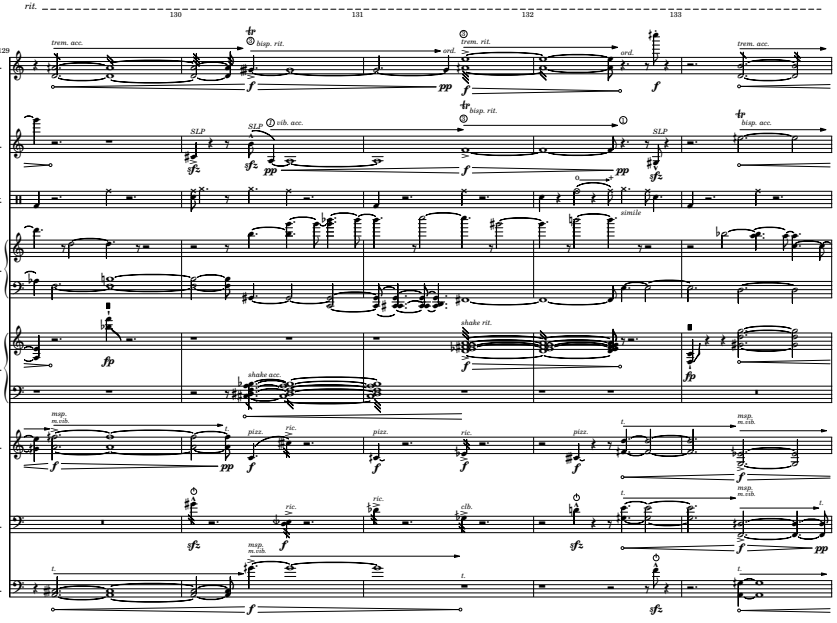
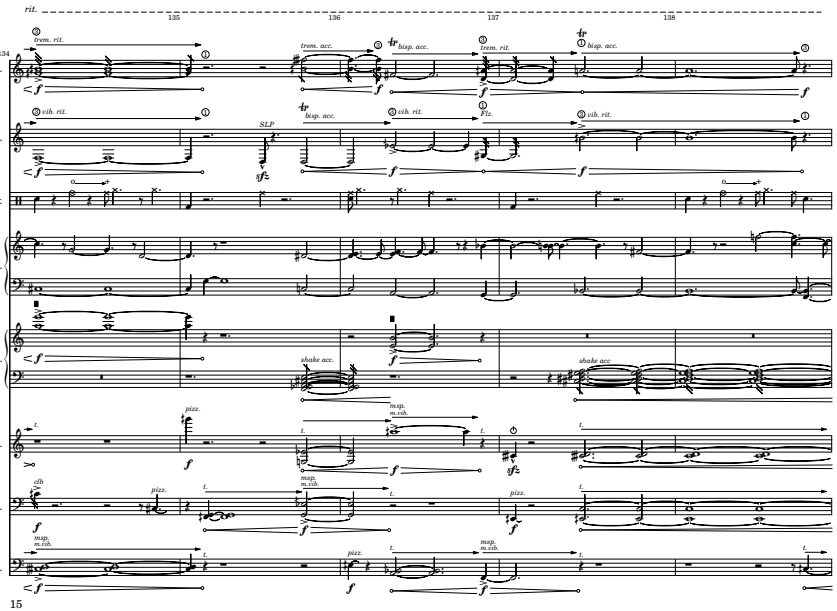
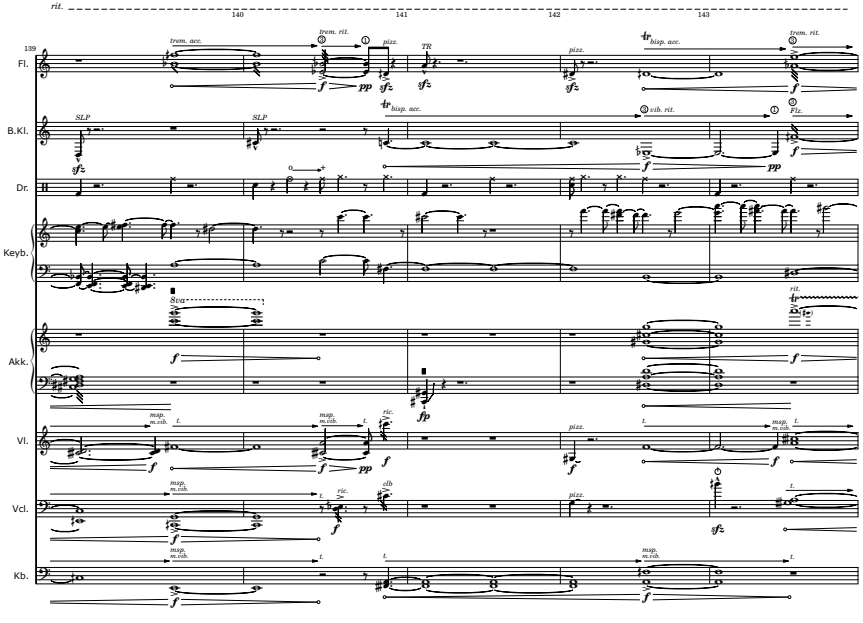
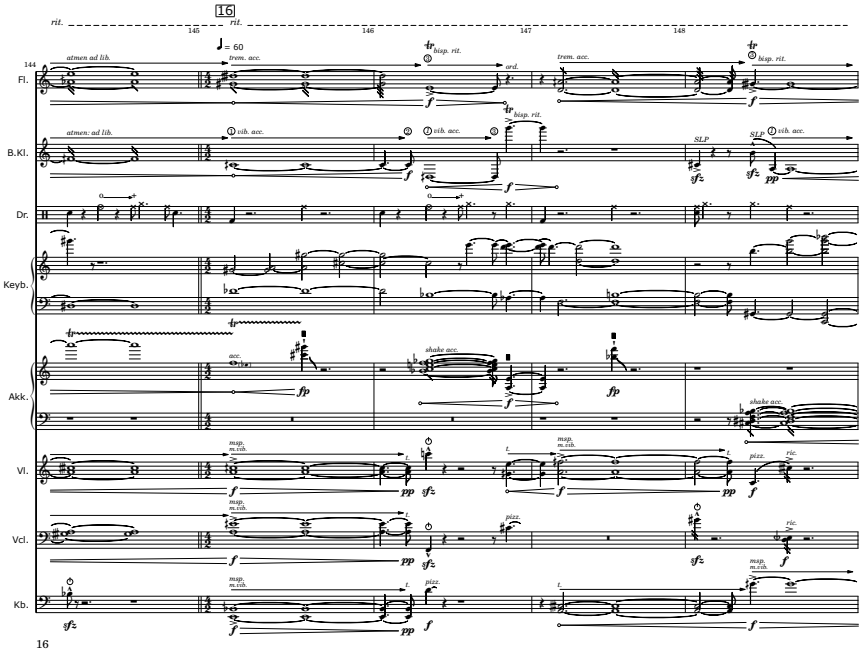
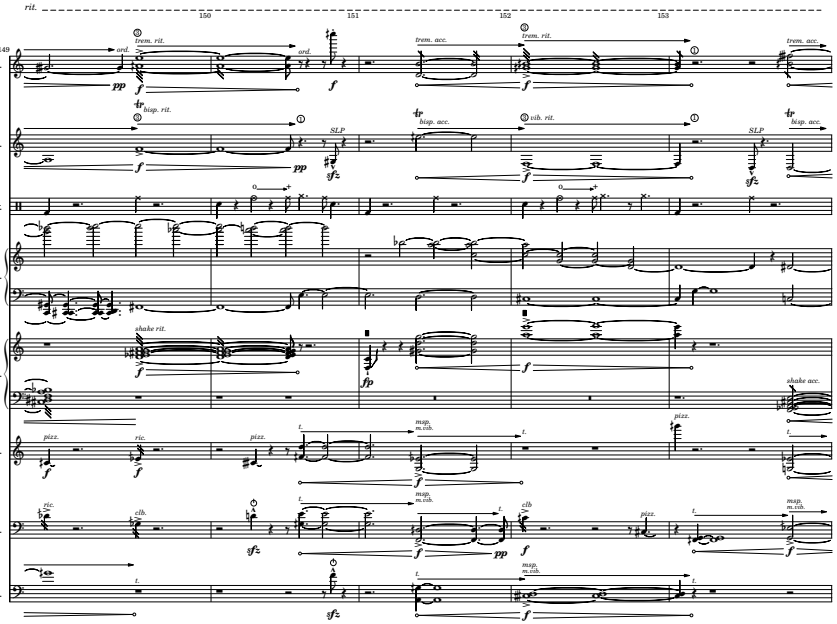
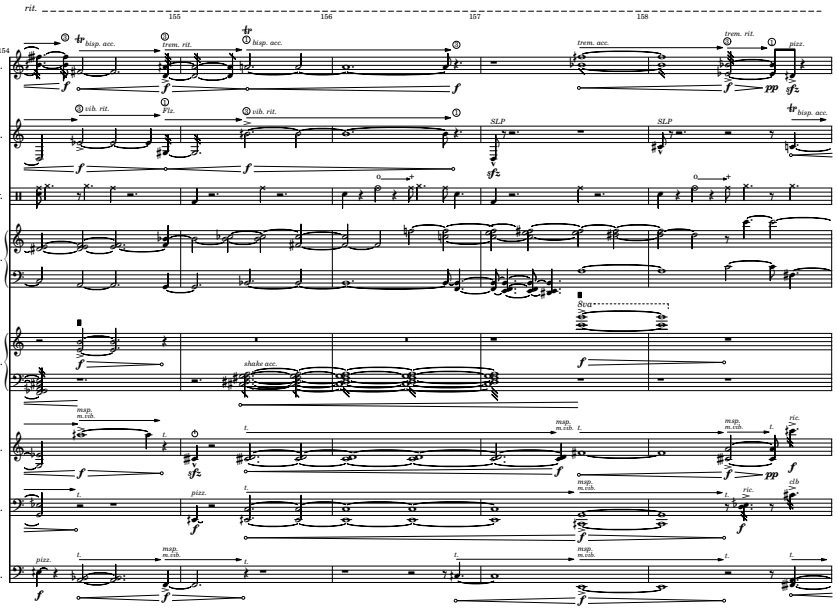

rit.
130
131
132
133
129
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
trem. acc.
bisp. rit.
trem. rit.
ord.
bisp. acc.
SLP
vib. acc.
simile
shake rit.
shake acc.
map, m.vib.
pizz.
ric.
clb.


rit.
135
136
137
138
134
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
trem. rit.
trem. acc.
bisp. acc.
vib. rit.
Flz.
SLP
shake acc.
map, m.vib.
pizz.
clb.


rit.
140
141
142
143
139
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
trem. acc.
trem. rit.
pizz.
TR
bisp. acc.
vib. rit.
Flz.
SLP
rit.
map, m.vib.
ric.
clb.


16
rit.
145
rit.
146
147
148
144
♩ = 60
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
atmen ad lib.
atmen: ad lib.
trem. acc.
bisp. rit.
ord.
vib. acc.
SLP
shake acc.
acc.
map, m.vib.
pizz.
ric.


rit.
149
150
151
152
153
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
ord.
trem. rit.
trem. acc.
bisp. rit.
bisp. acc.
vib. rit.
SLP
shake rit.
shake acc.
pizz.
ric.
clb.
map, m.vib.
pp
f
fp
sfz


rit.
154
155
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158
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
bisp. acc.
trem. rit.
trem. acc.
vib. rit.
Fltz.
SLP
8va
shake acc.
pizz.
map, m.vib.
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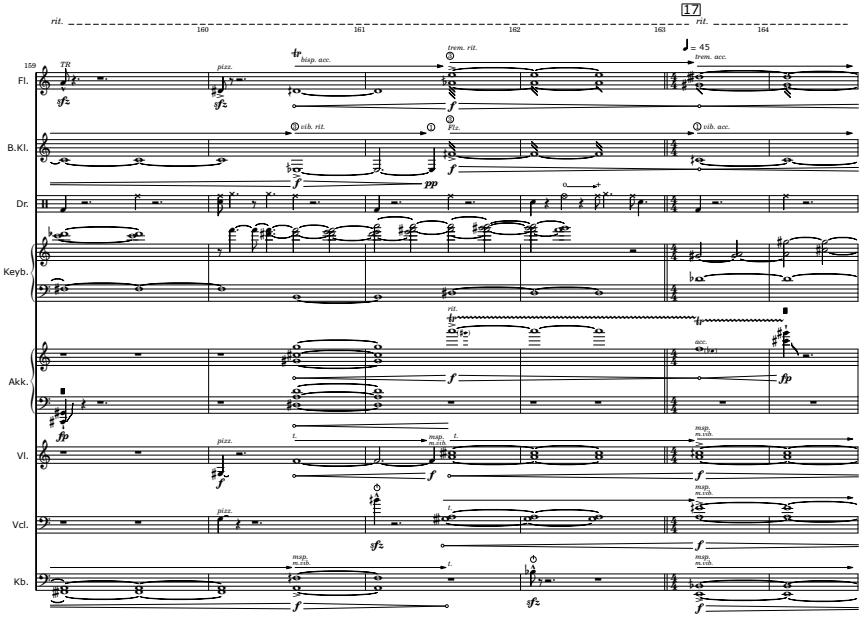
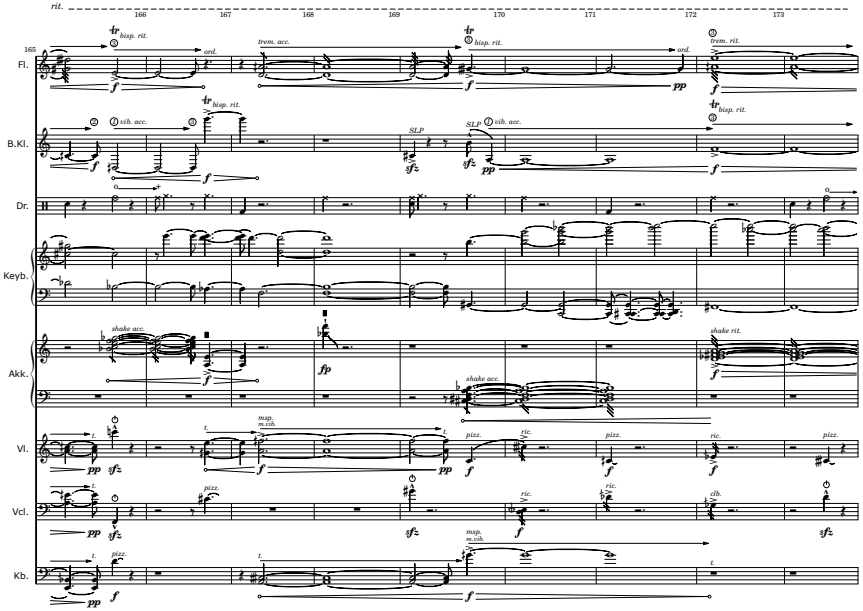
sfz


rit.
17
160
161
162
163
164
159
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
♩= 45
TR
pizz.
bisp. acc.
trem. rit.
trem. acc.
vib. rit.
Fltz.
vib. acc.
rit.
acc.
map, m.vib.
f
fp
sfz
pp

rit.
165
166
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168
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172
173
Fl.
B.Kl.
Dr.
Keyb.
Akk.
Vl.
Vcl.
Kb.
ord.
bisp. rit.
trem. acc.
trem. rit.
vib. acc.
SLP
shake acc.
shake rit.
pizz.
ric.
clb.
map, m.vib.
pp
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fp
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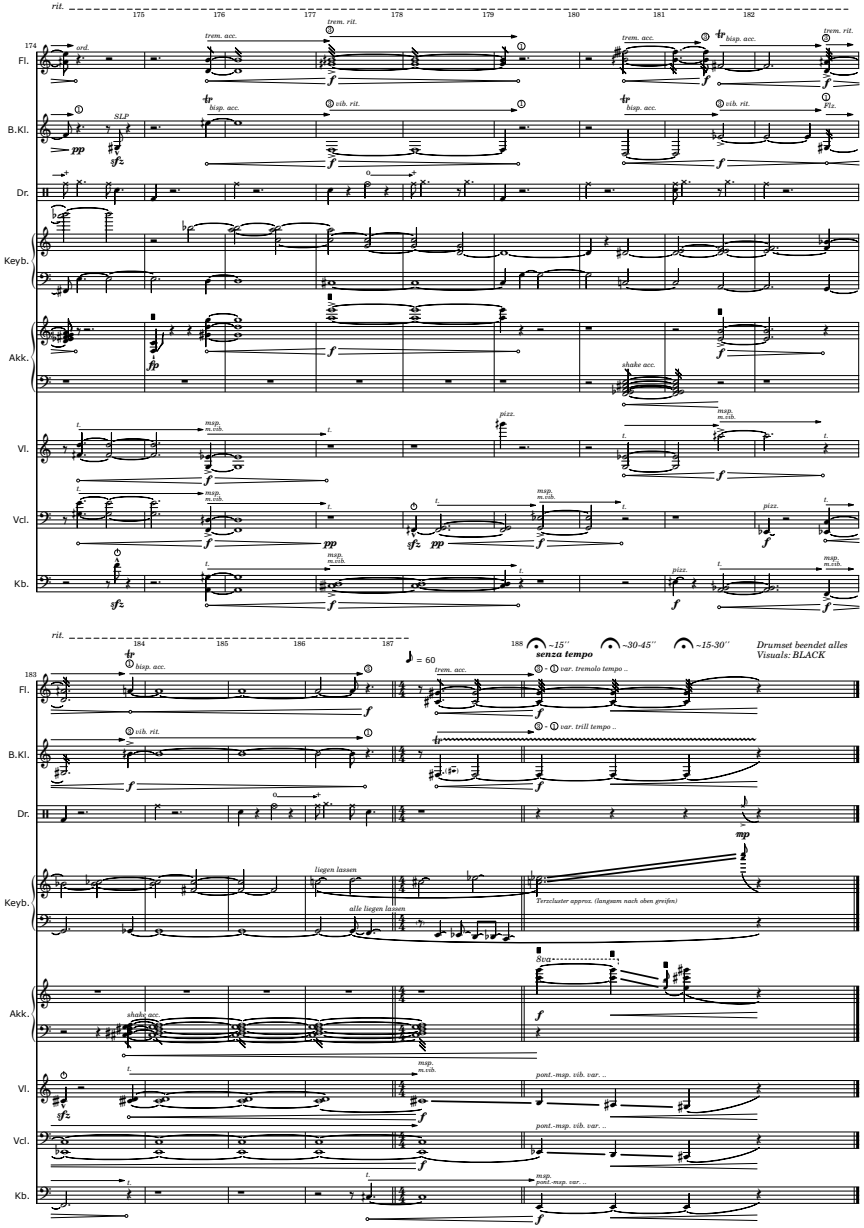
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