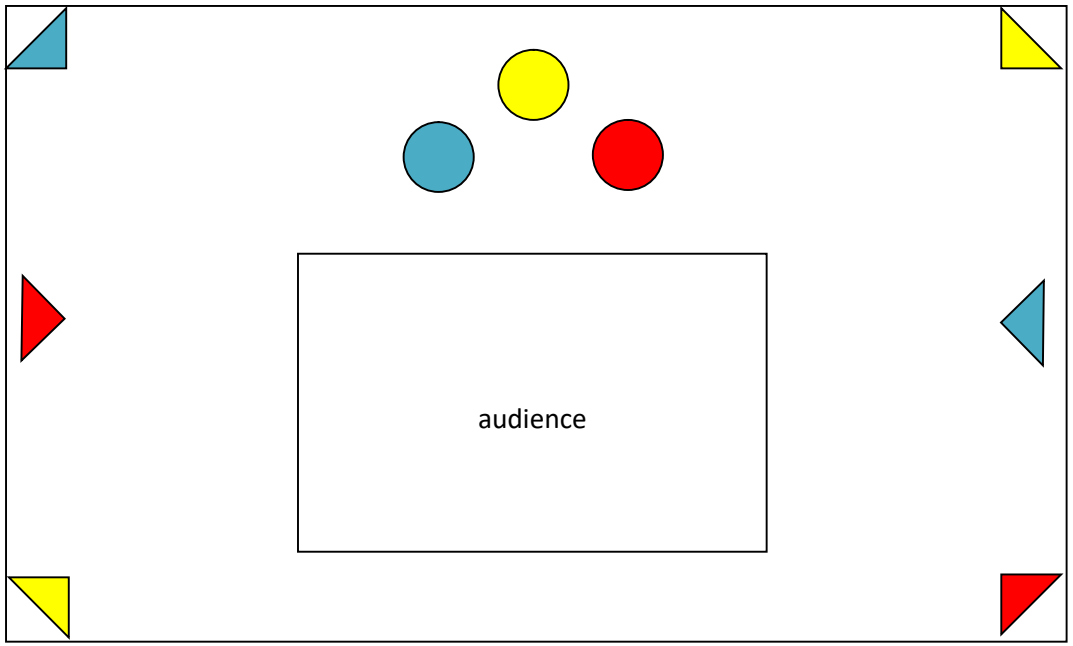
Triangle Iris

For an oriental flute trio: Shakuhachi, Daegum, and Dizi

Xavier Shuang Xu

Stage Setup

A microphone is placed in front of each flute and records its sound in a dedicated channel. Each channel is fed back via two speakers without amplification or distortion. The spatial arrangement is illustrated as the following:



Blue: Dizi Yellow: Daegum Red: Shakuhachi

Circles are performers' positions. Triangles are speakers, the right angle indicating the pointing directions. The speakers should be located as far as possible from the performers and between themselves. Use the full space of the hall.

Notations

This work adopts the method of proportional notation - the duration of a note is proportional to the length of the space following the note. Since the bars have different durations and stave lengths, the time-space ratio may vary between bars, but the ratio is always uniform inside one bar. The number above the bar indicates its duration in seconds. An easy way to read the score is to split each bar into N even grids, N being the number above the bar and use the grids (equivalent to seconds) to meter the notes.

Accidentals apply in a conventional way – effective within one bar. Cautionaries are provided in parenthesis before/above the notes when there is ambiguity.

Four types of note head are used:

complete air sound, long

air sound and producing overtones, long

} For these two kinds of notes, use the fingering which can produce the most overtones.

ordinary sound, short, like staccato, legato if slurred

(tie) ordinary sound, long

the end of a long tone

end as if air is exhausted

vibration (otherwise, make the long tones stiff, no vibration unless this symbol appears)

bisbigliando (changer fingering quickly without changing the pitch)

dashed slur means a smooth transition between articulations.

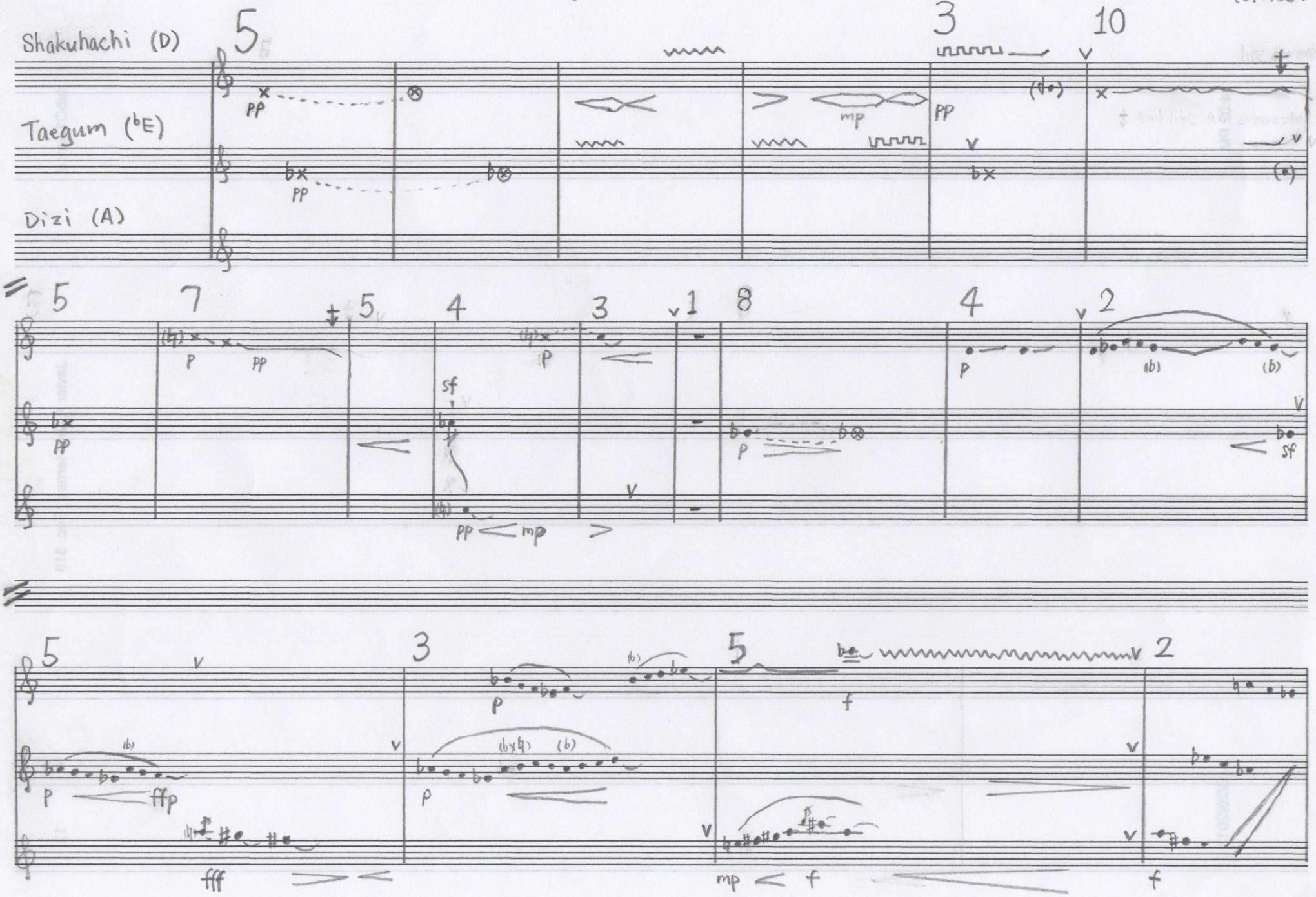
curve after a note means glissando; sometimes the range is suggested by a note in parenthesis.

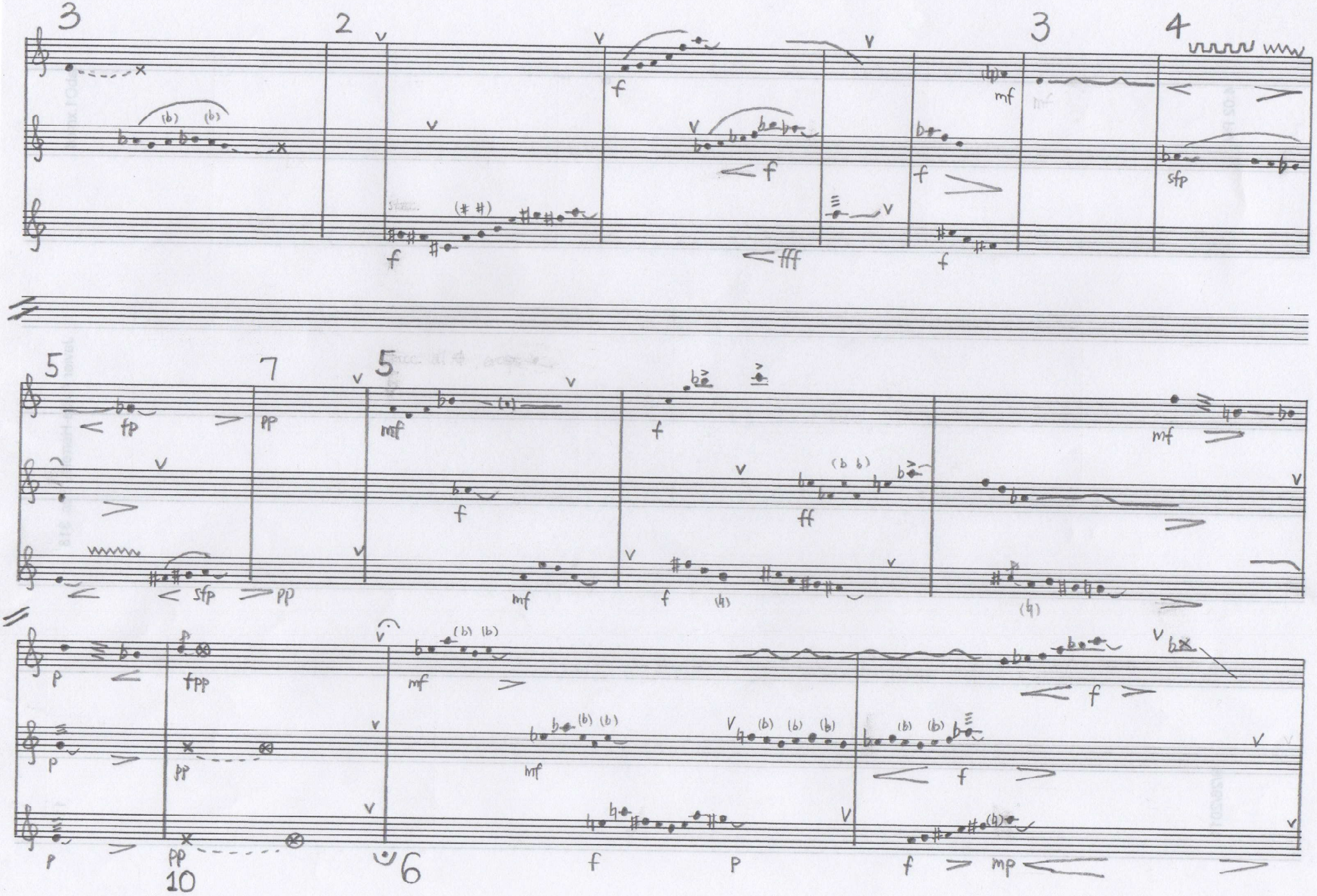
The dynamics of this work is noted two scales lower, that is:

pp		*pppp*
p		*ppp*
mp		*pp*
mf	in this score is equal to conventional	*p*
f		*mp*
ff		*mf*
fff		*f*

Triangle Iris (2011)

xavier shuang xu
(b. 1988)

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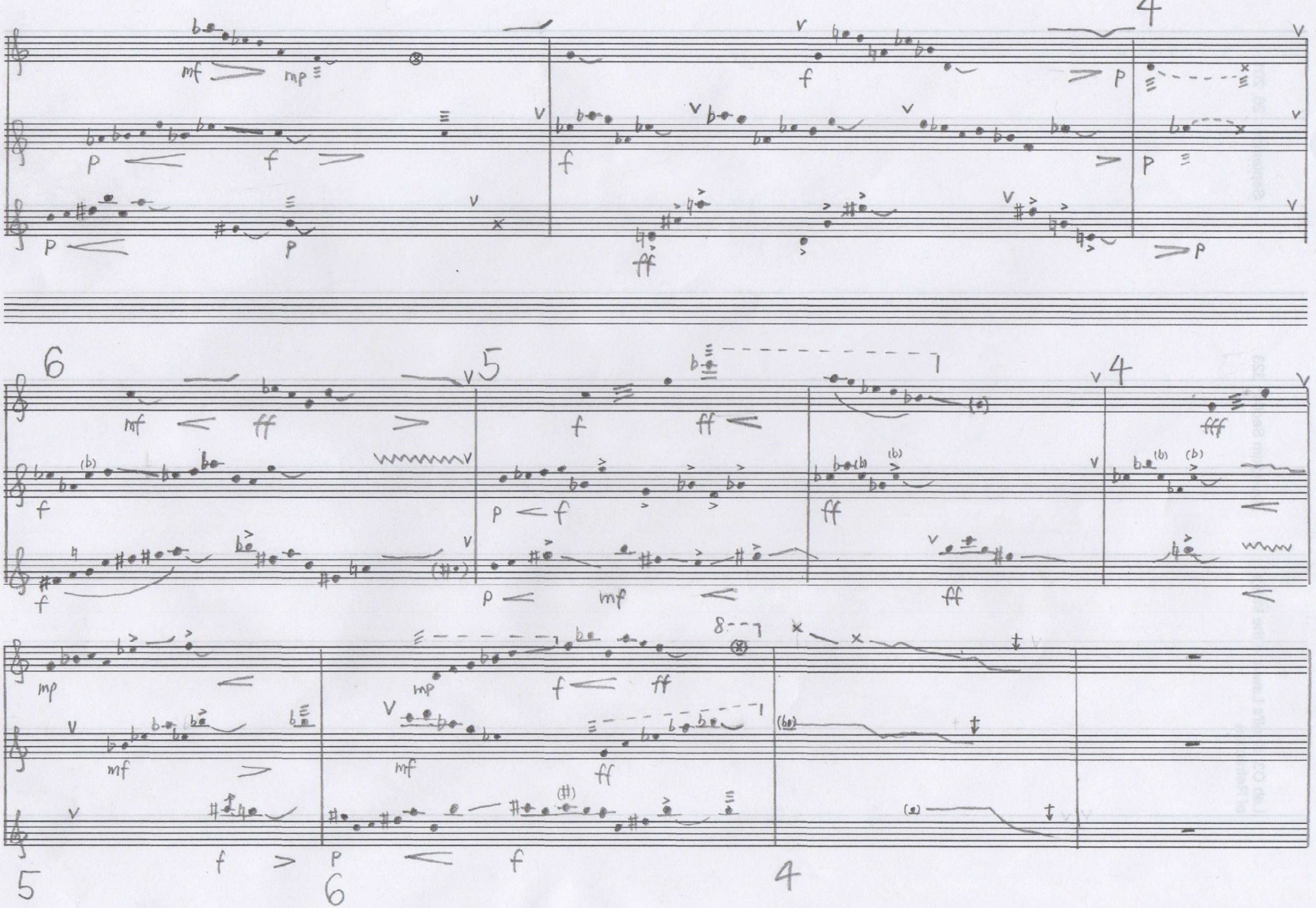
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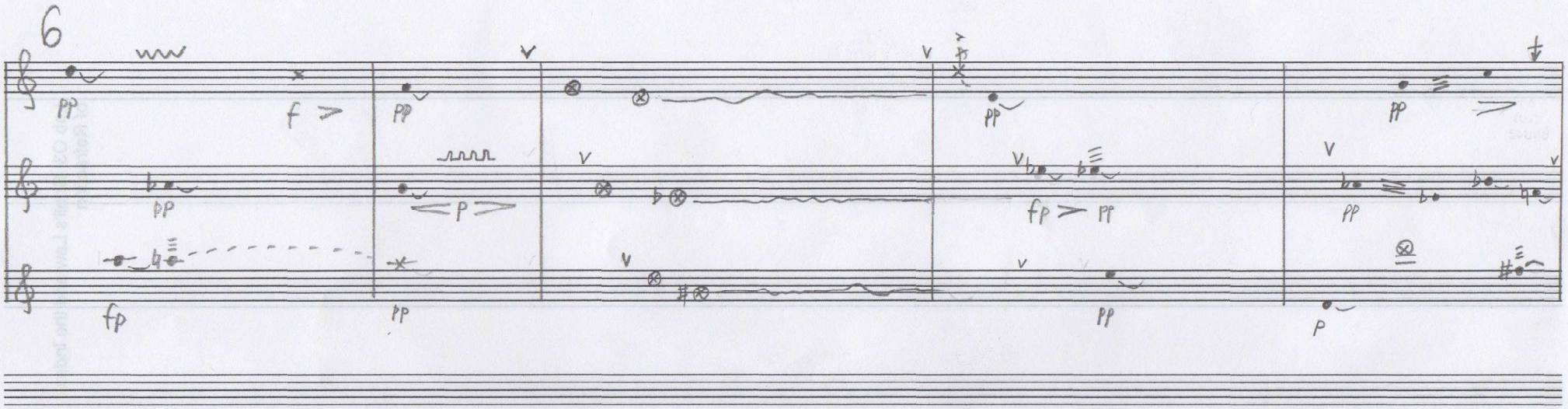

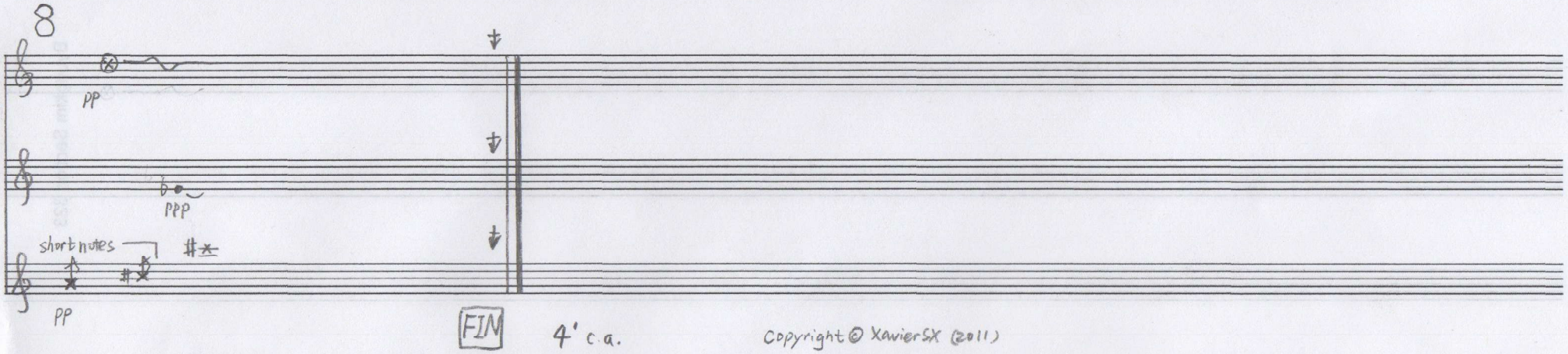

4' c.a.

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