AUS KLANG

for 15 instruments

GILBERTO AGOSTINHO

(2016)

Instrumentation

Flute

Oboe

Alto Saxophone

Bass Clarinet

Bassoon

Horn in F

Trumpet in C

Trombone

Vibraphone

Accordion

Harp

Violin

Viola

Violoncello

Double Bass

General Information

aus Klang is an algorithmic work generated by a computer program. Because this program uses random procedures, a different version of this work is output at each execution. It is recommended that a new version of this work is generated for each concert (more on how to generate versions of this work below), though this is not a requirement.

Durata: averagely 18'

Performance Notes

The music is structured using two layers, a soft one (with dynamic markings ranging from ***ppp*** through ***mp***) and a loud one (with dynamic markings ranging from ***mp*** through ***f***). The soft layer consists of longer notes (quarter notes or longer) while the loud layer consists of shorter notes (eighth notes or shorter).

The dynamic markings within a section are the same for all instruments in a same layer, so it is important for the conductor to balance the ensemble so that some instruments do not overpower others.

All instruments should play in a legato manner. The loud layer is never to be played staccato.

The string players may choose to play the soft layer *sul tasto*. If this is the case, all string players should play these passages *sul tasto* throughout the composition.

The vibraphone motor should be on throughout the composition, set at a slow speed. The player should use soft mallets for the soft layer and medium mallets for the loud layer. The rests in the soft layer should always be respected, so care should be taken with pedalling and mallet dampening. For the notes in the loud layer, rests are not to be taken literally as full dampening points, and the player may elect to play these passages using half pedalling, or clearing the pedal every beat or so.

The harp chords should always be played without arpeggios unless specified.

Generating a unique version

In order to generate a unique version of this work, it is necessary to have the following programs installed on a Linux computer:

- The program `aus-klang.out`, which can be freely obtained by sending a request message to gilberto.agostinho.f@gmail.com
- LilyPond, which can be downloaded from www.lilypond.org
- pdfunite, which is freely available for most Linux distributions

To generate a score, simply execute the file `aus-klang.out` and wait until a score is automatically generated as a PDF file named `aus Klang.pdf` (this may take a few minutes). To generate a new score, simply run the executable file once again. All 15 individual instrumental parts will also be generated as PDF files inside a subfolder named "parts". The program will also create a MIDI file, two LilyPond format files (`aus-klang.ly` and `aus-klang-parts.ly`) and 15 other LilyPond files in the format `.ily` inside the subfolder "ily-files".

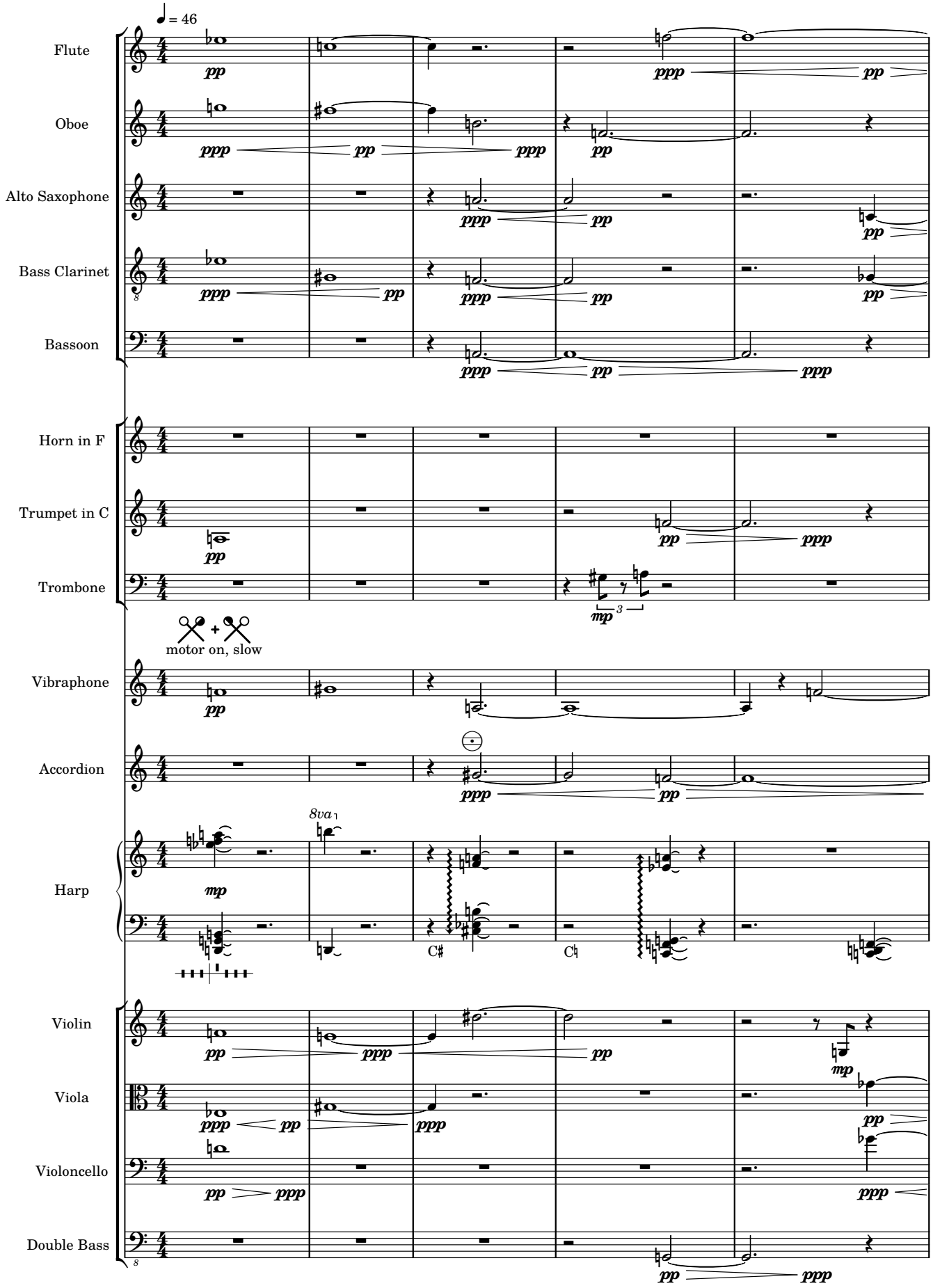
IMPORTANT NOTE: after generating a score, another execution of `aus-klang.out` will result in the loss of all previously generated files (they will all be overwritten)! If you wish to keep a particular version of this composition, please copy all its files to a safe location. Also, please notice that this program has been tested with LilyPond version 2.19.37 and pdfunite version 0.24.5, and there is no guarantee it will work with different versions of these programs.

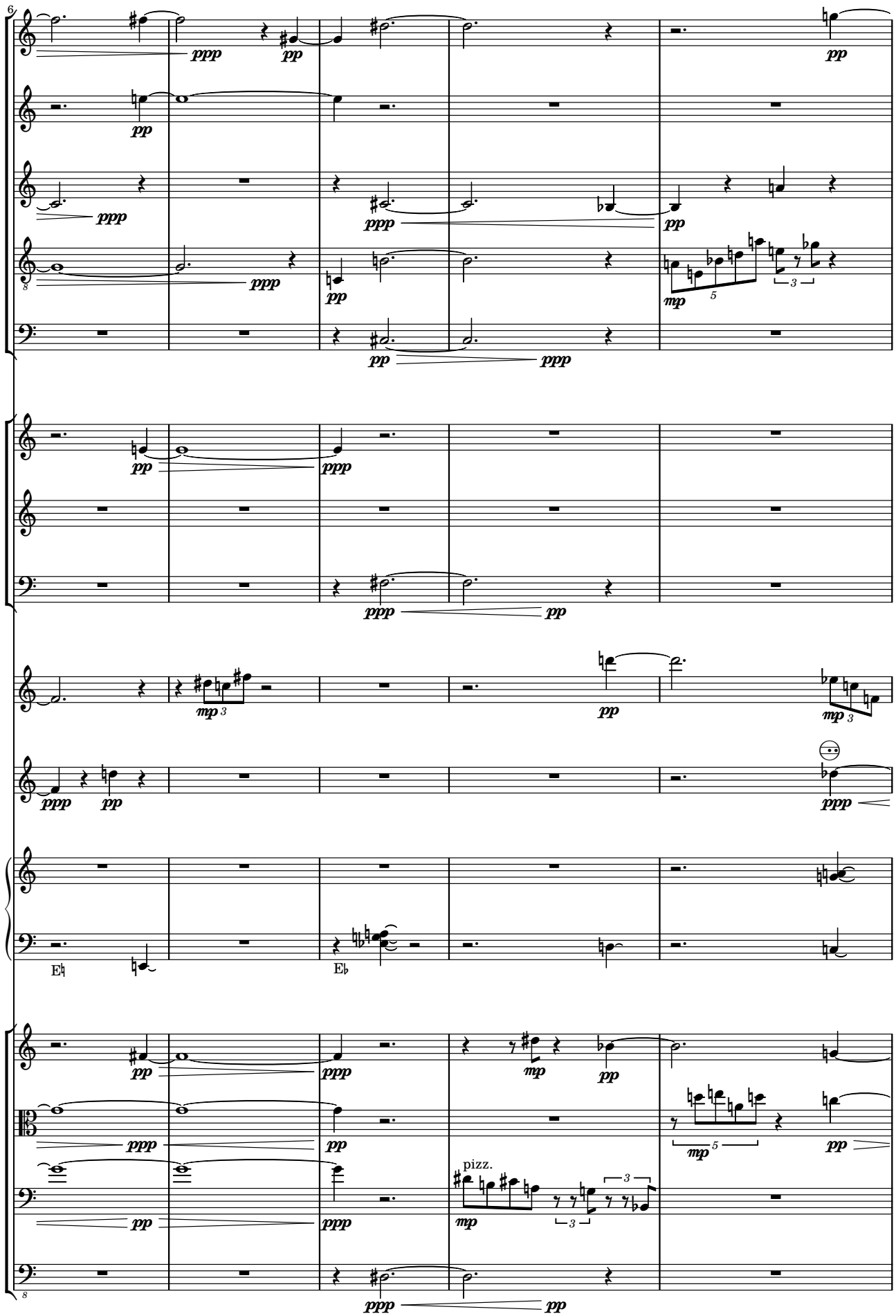
aus Klang

for 15 instruments

Score in C

Gilberto Agostinho

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Fl.
Ob.
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Hn.
Tpt.
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Vib.
Acc.
Hp.
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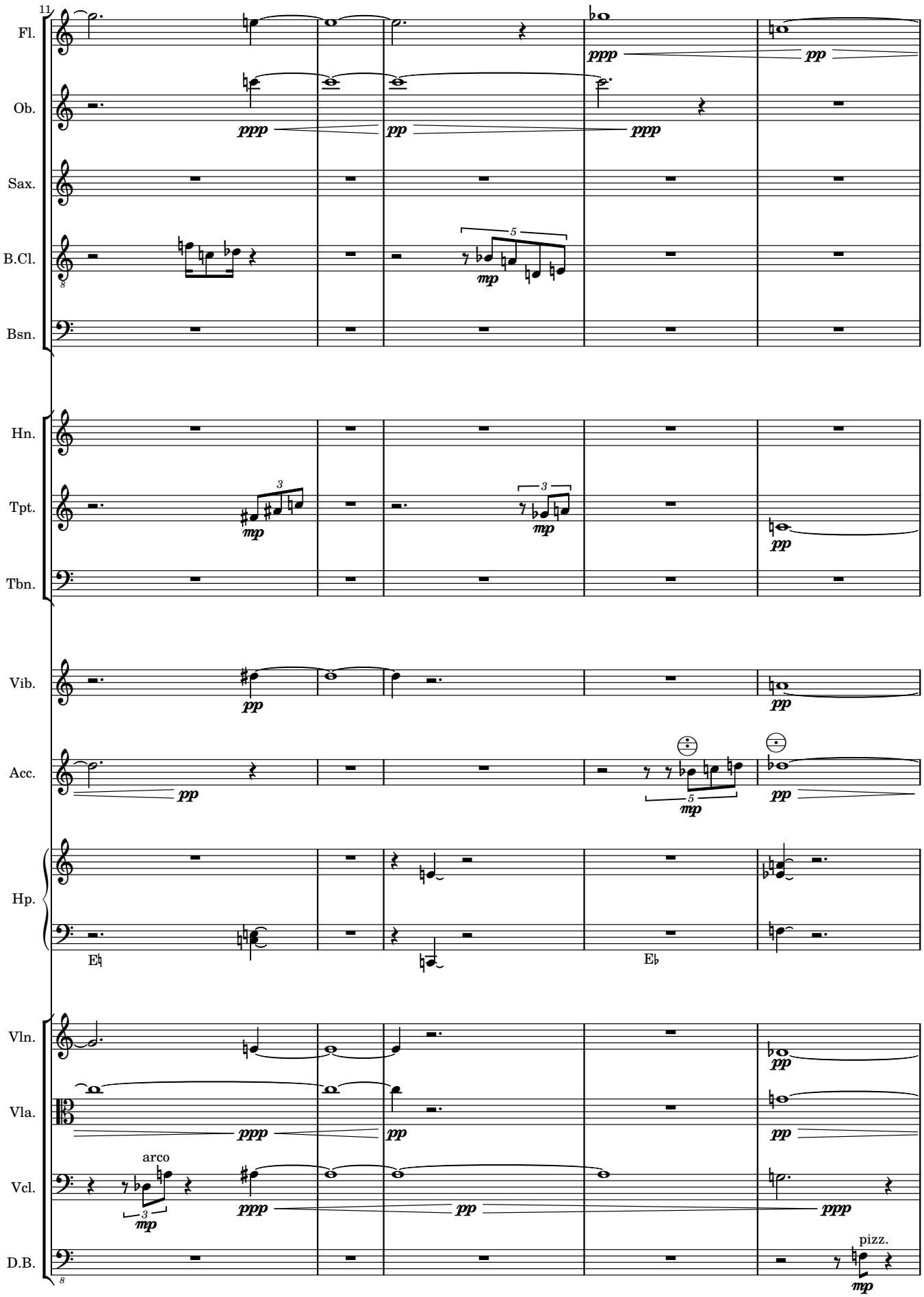
Vla.
Vcl.
D.B.
pizz.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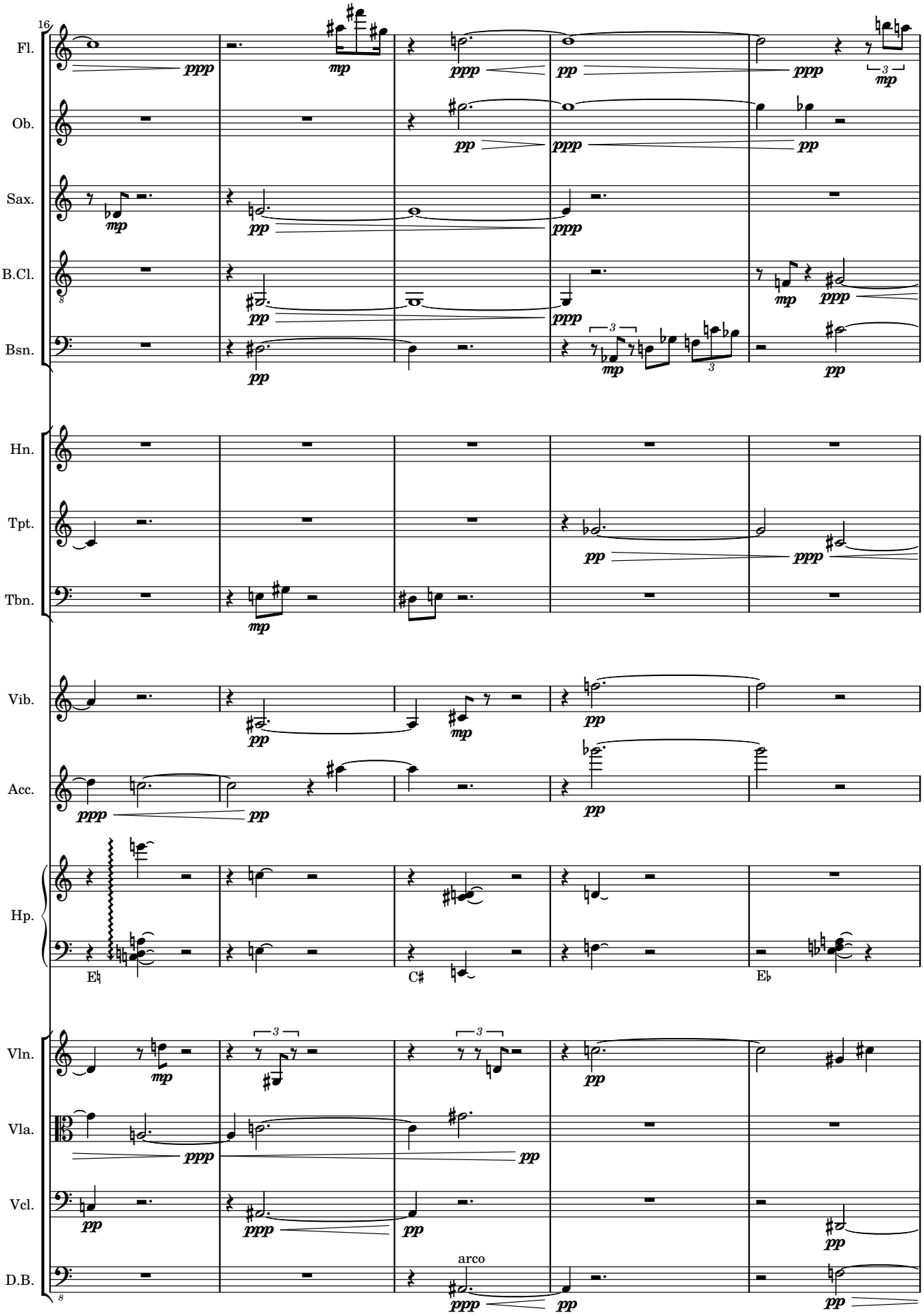
D.B.
ppp
pp
mp
arco
pizz.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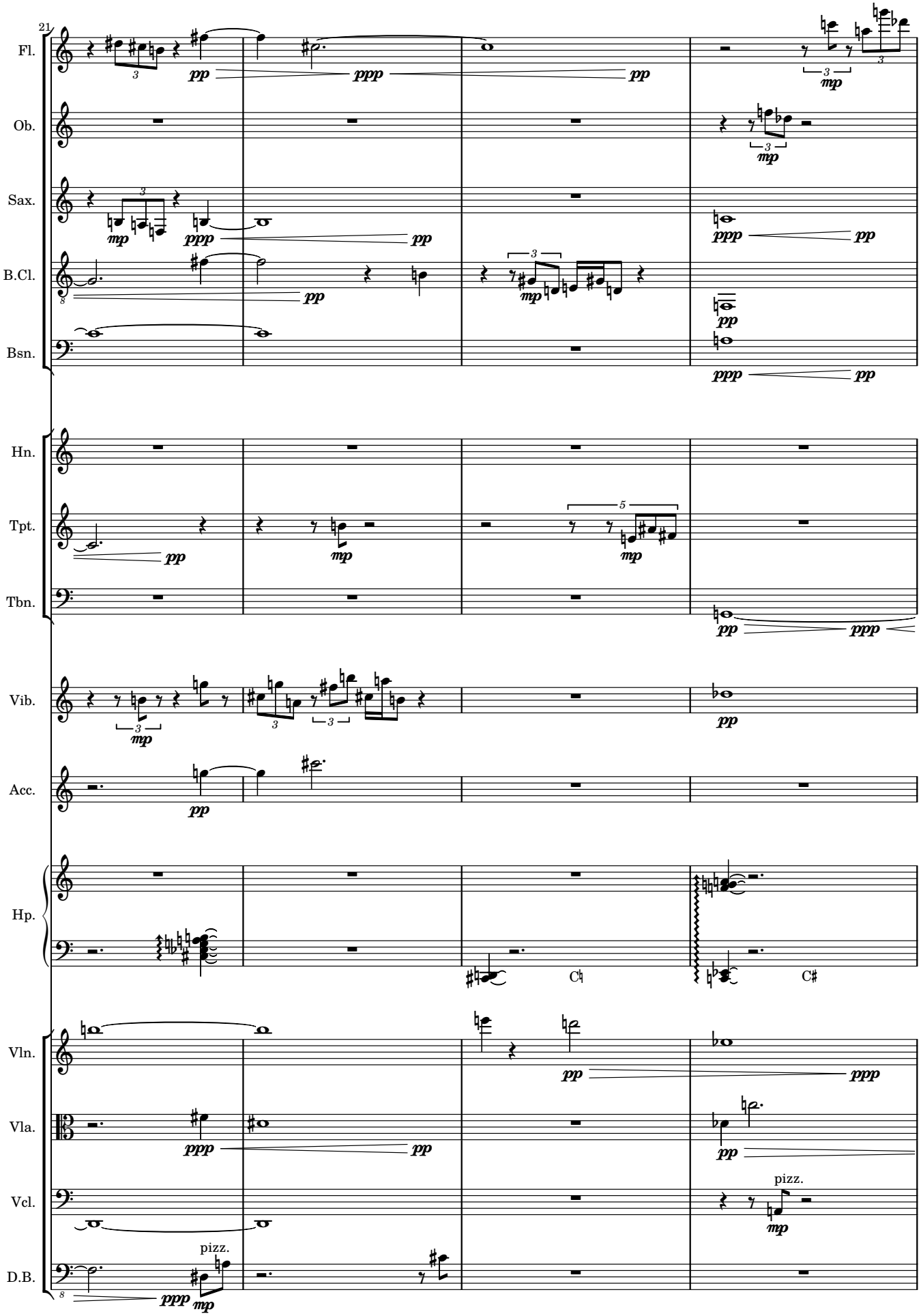
Vla.
Vcl.
D.B.
arco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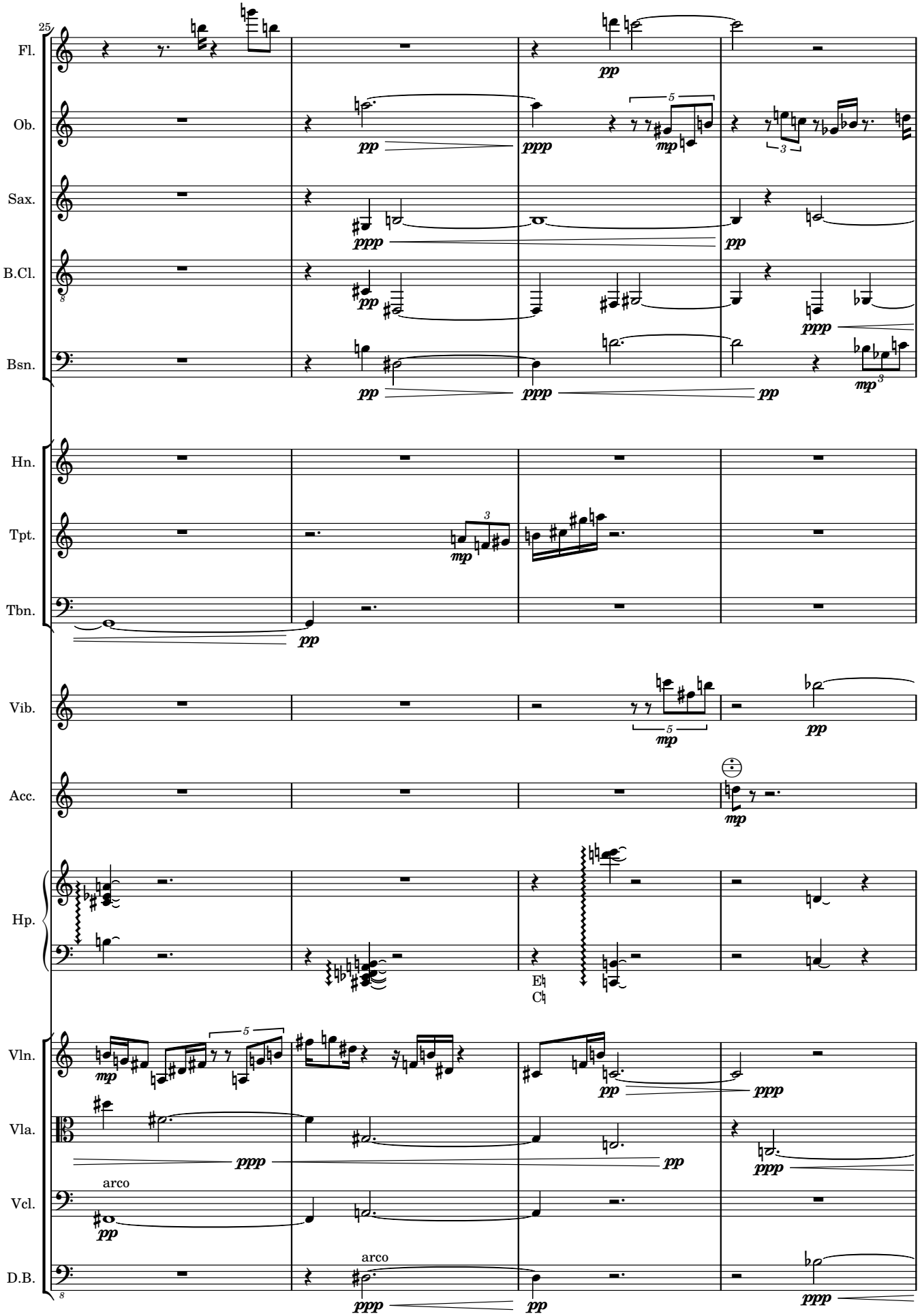
Vcl.
D.B.
pizz.
pizz.
C♮
C♯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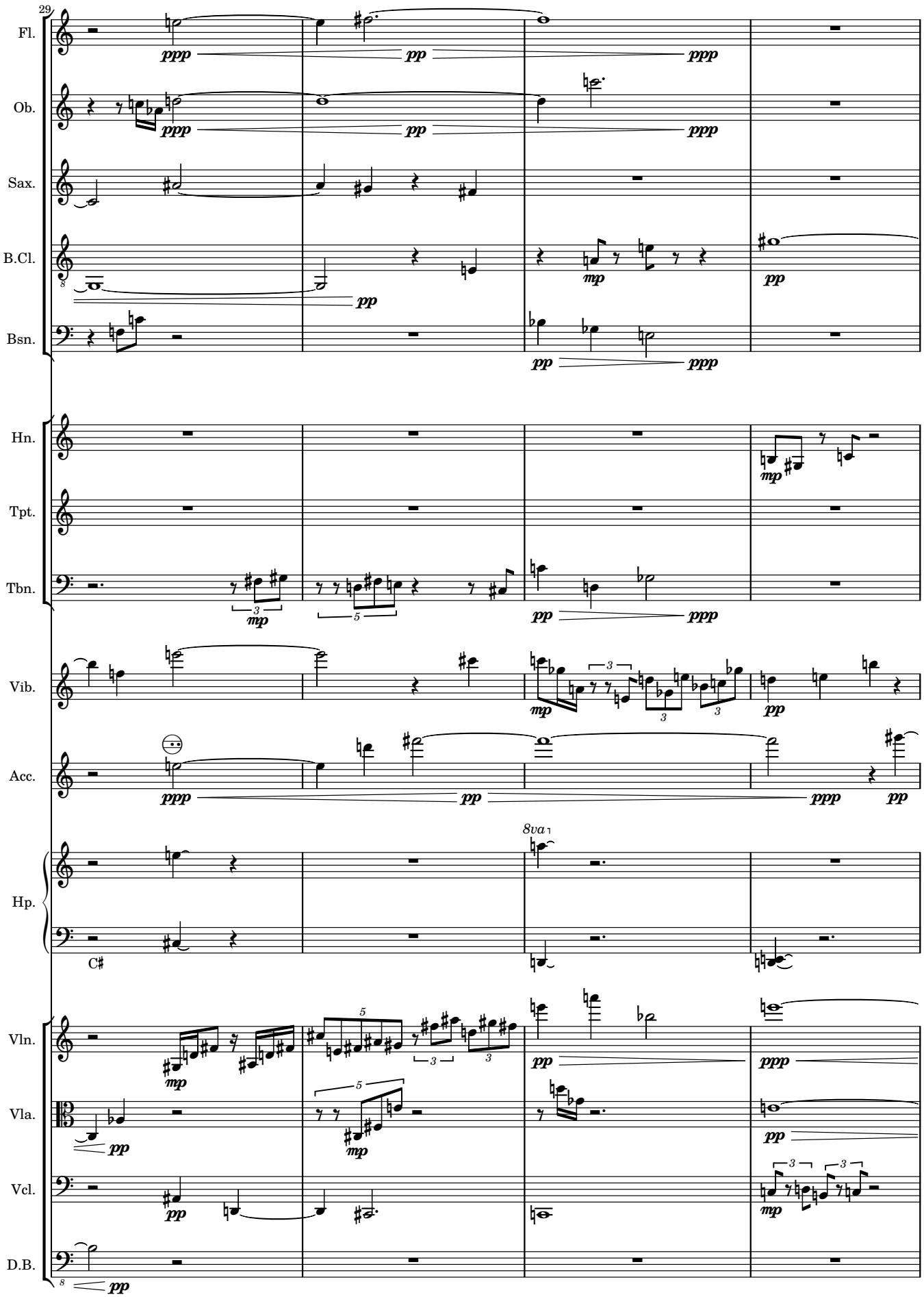
Vcl.
D.B.
arco
arco
E♮
C♮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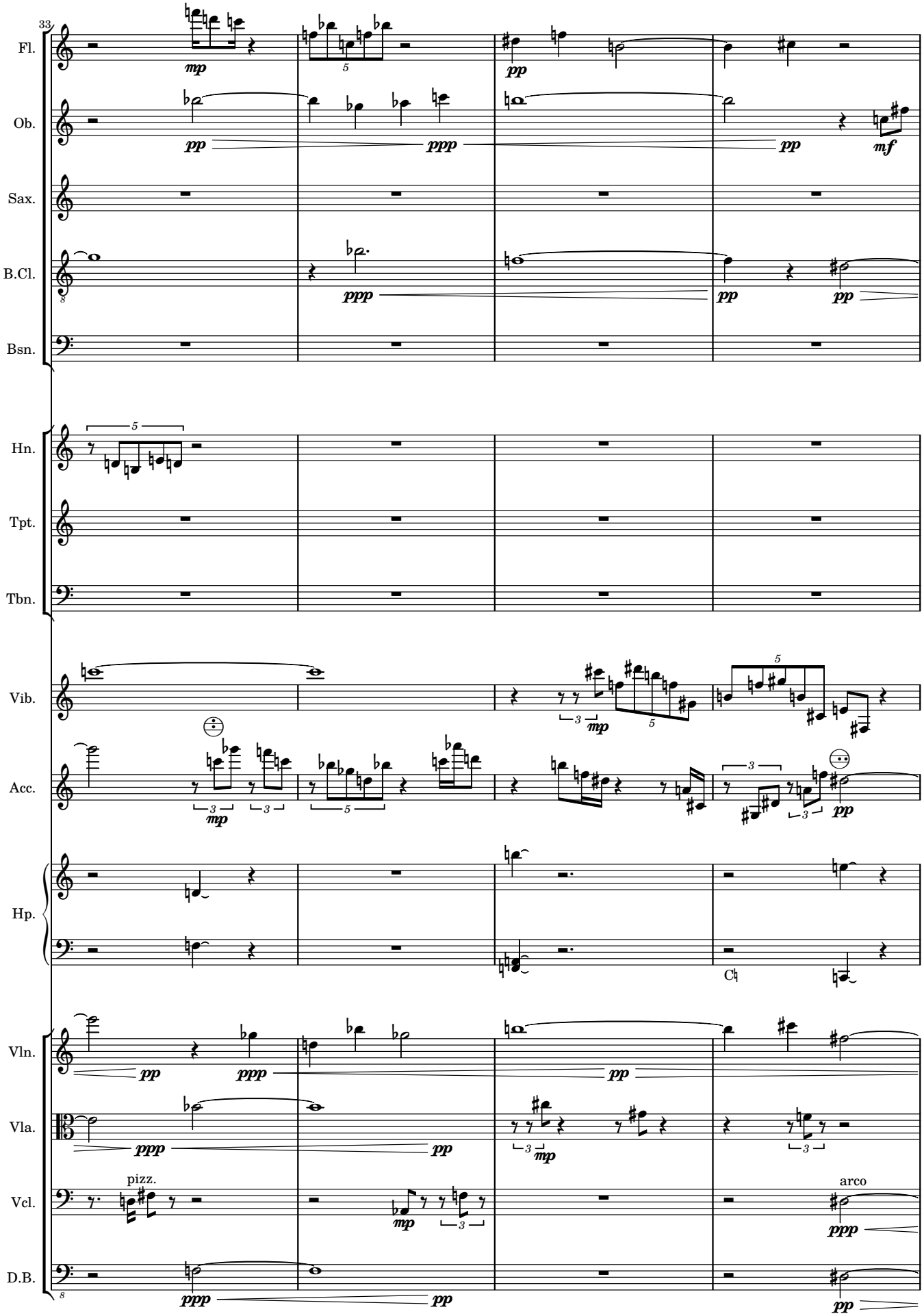
D.B.
C♯
8va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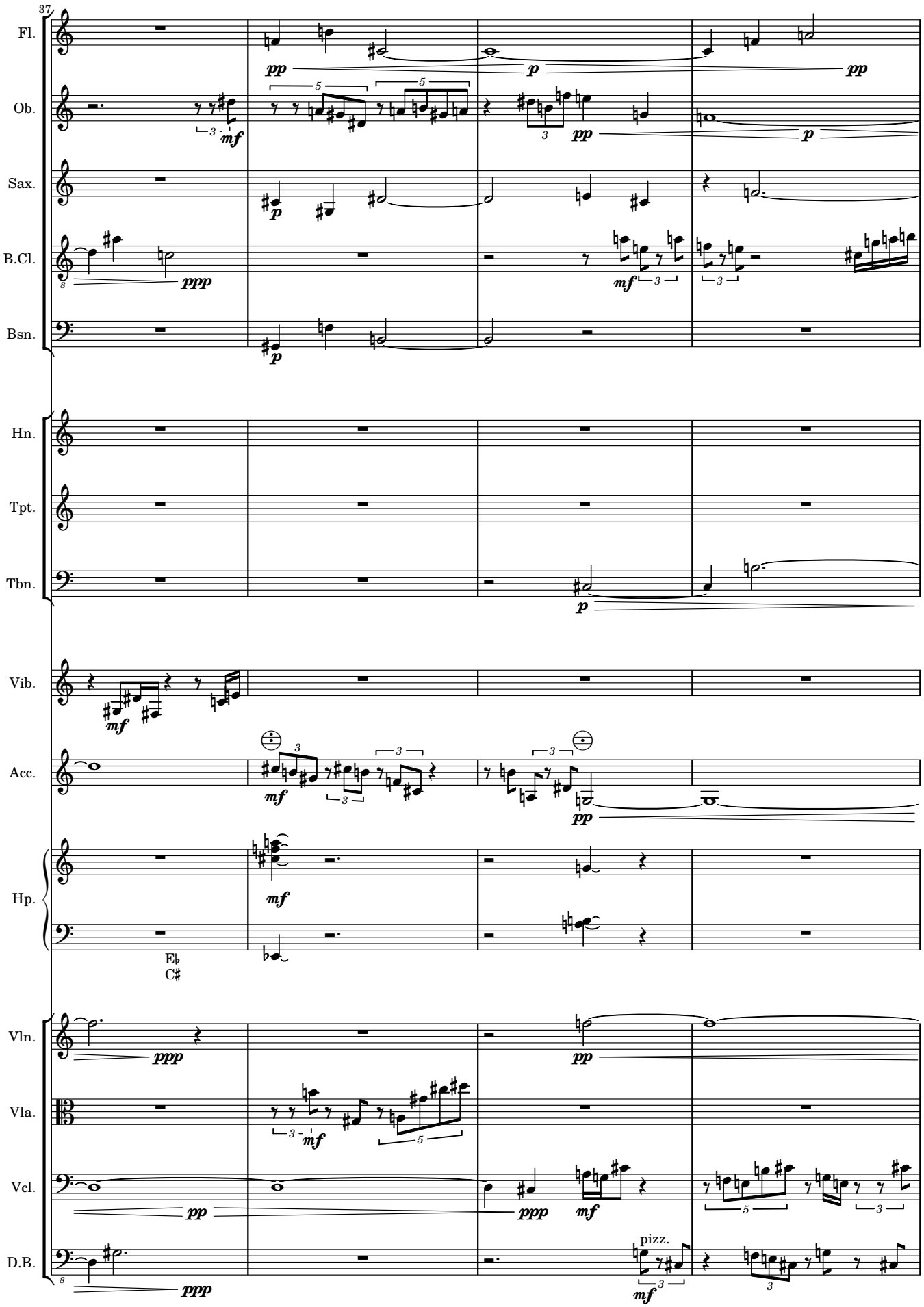
D.B.
pizz.
arco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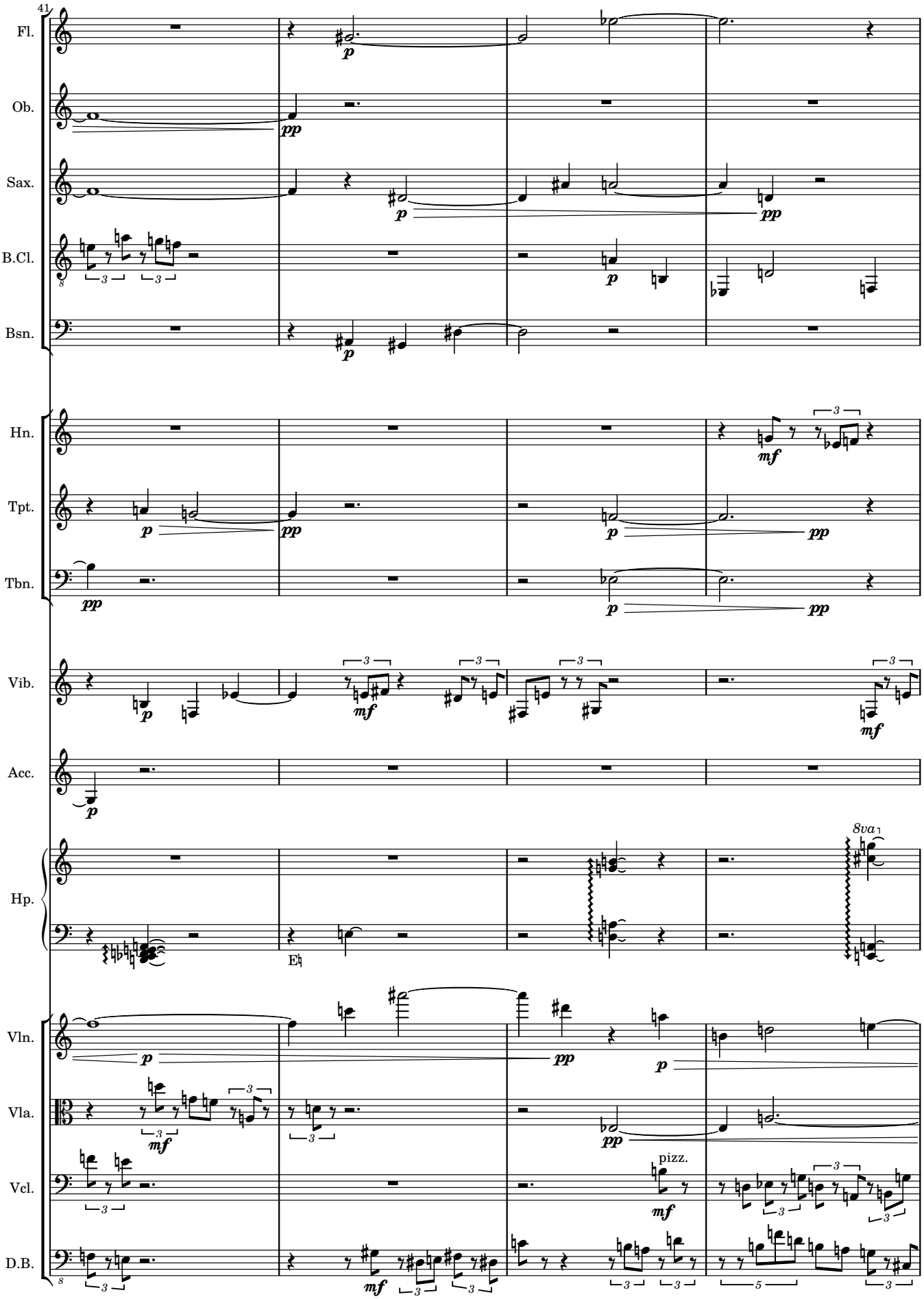
pp
p
ppp
mf
pizz.
Eb
C#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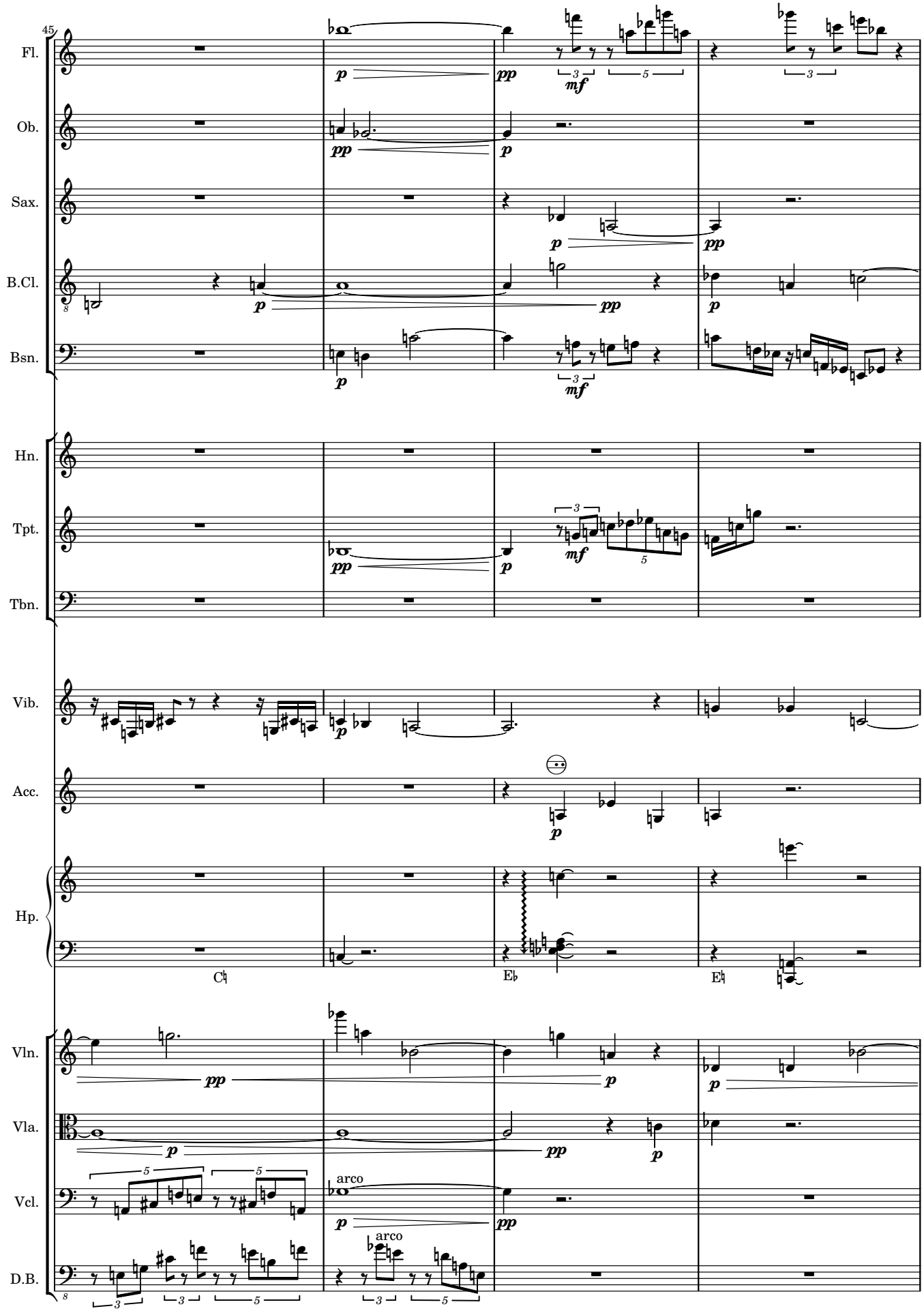
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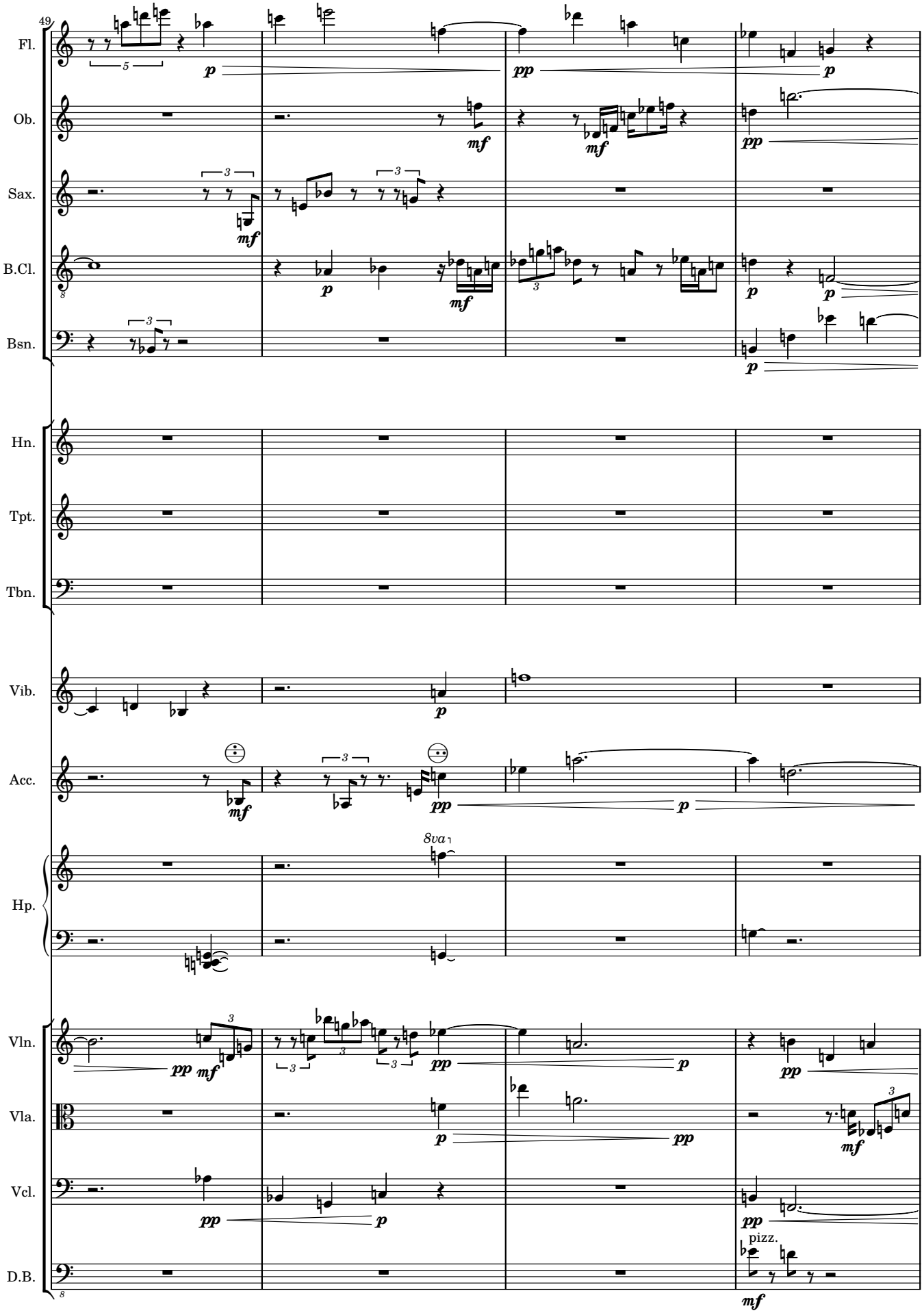
arco
arco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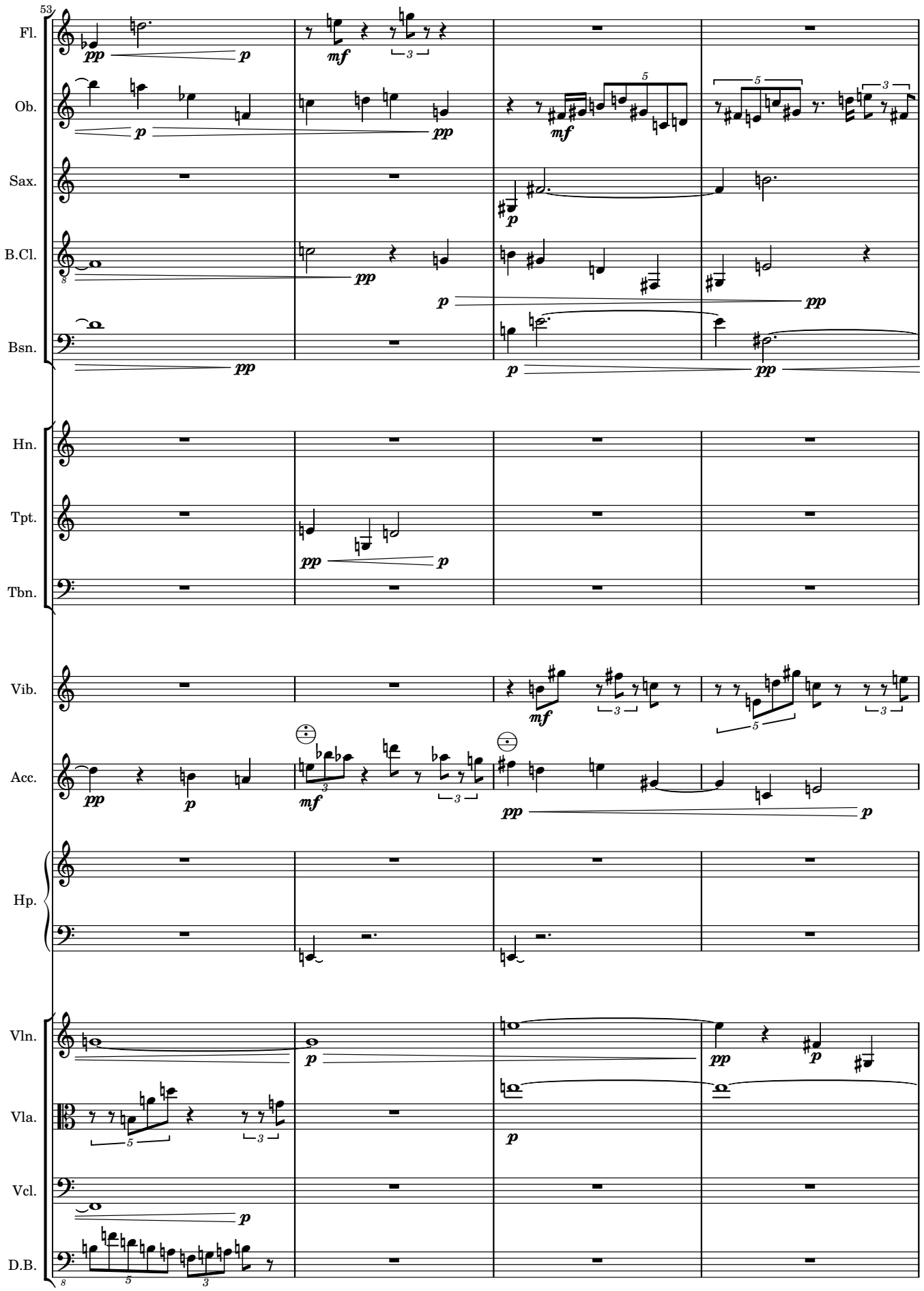
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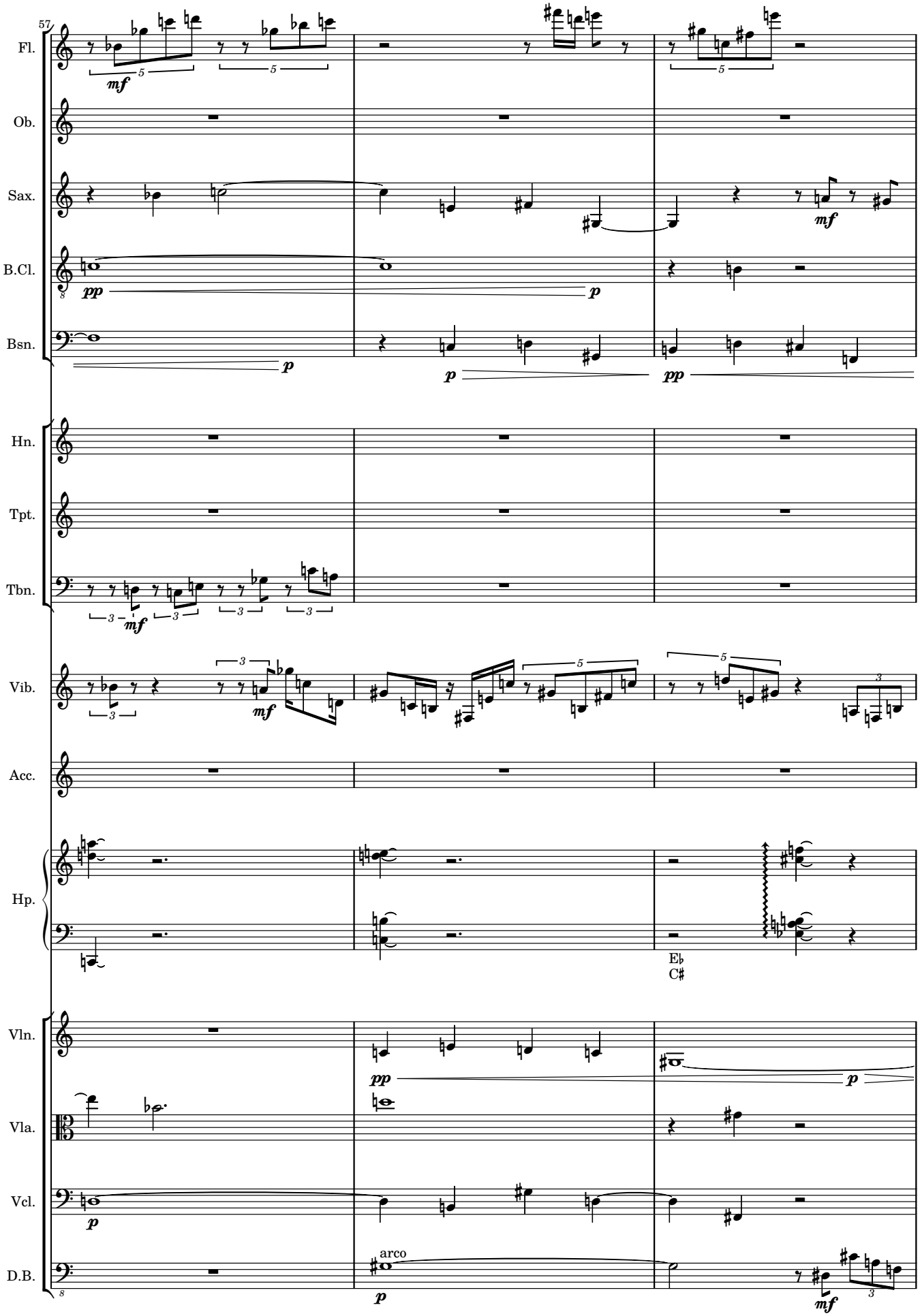
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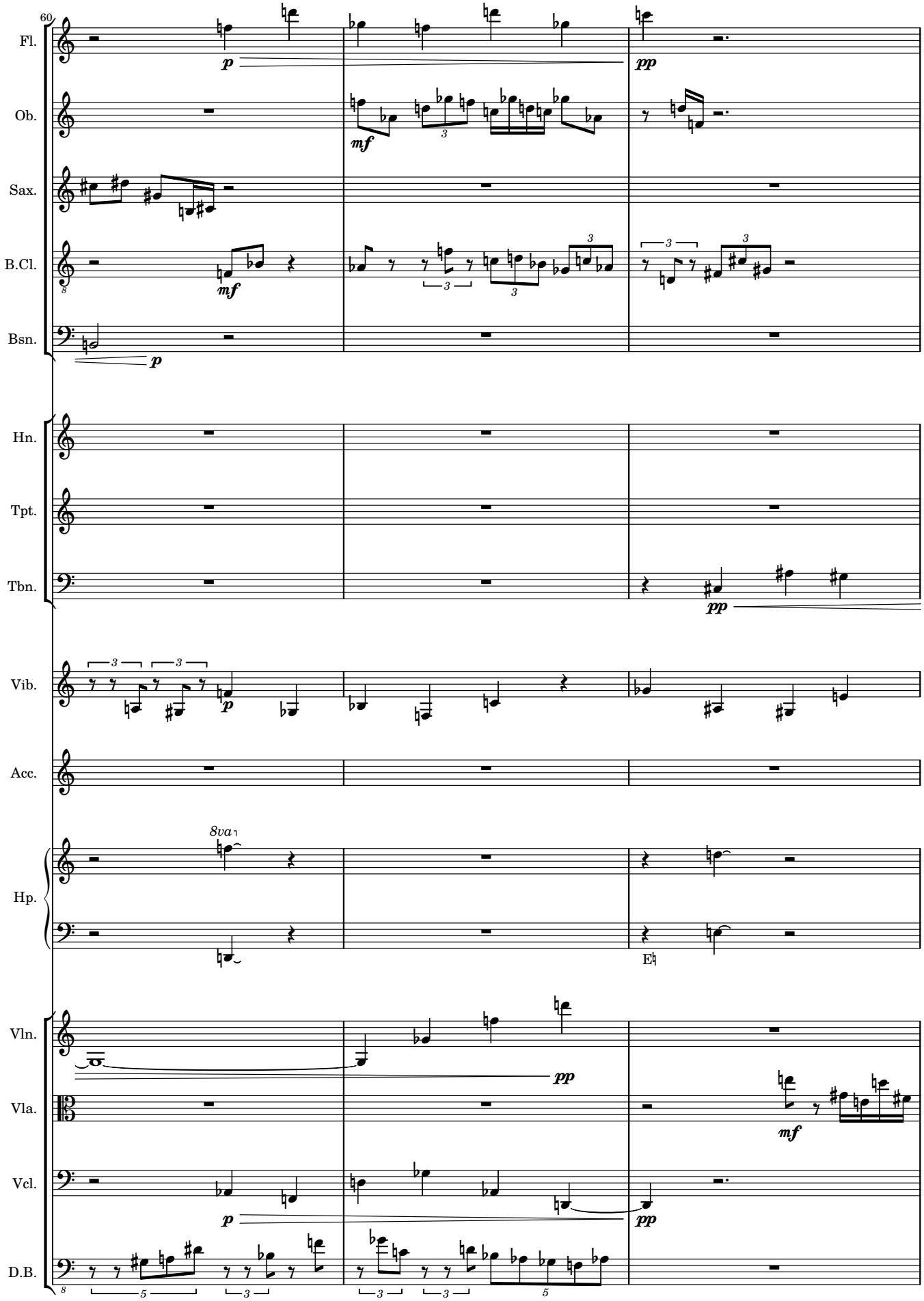
C♯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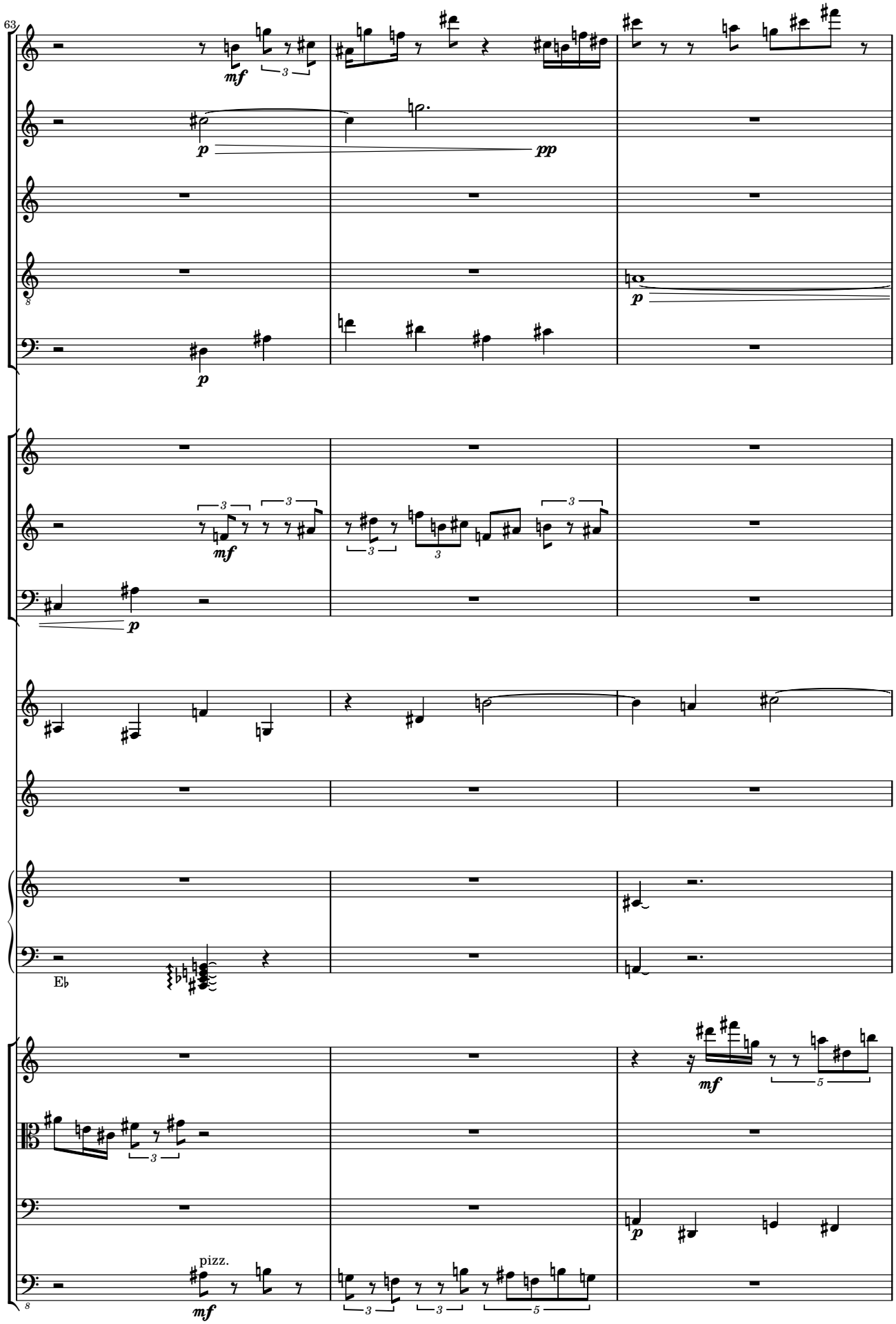
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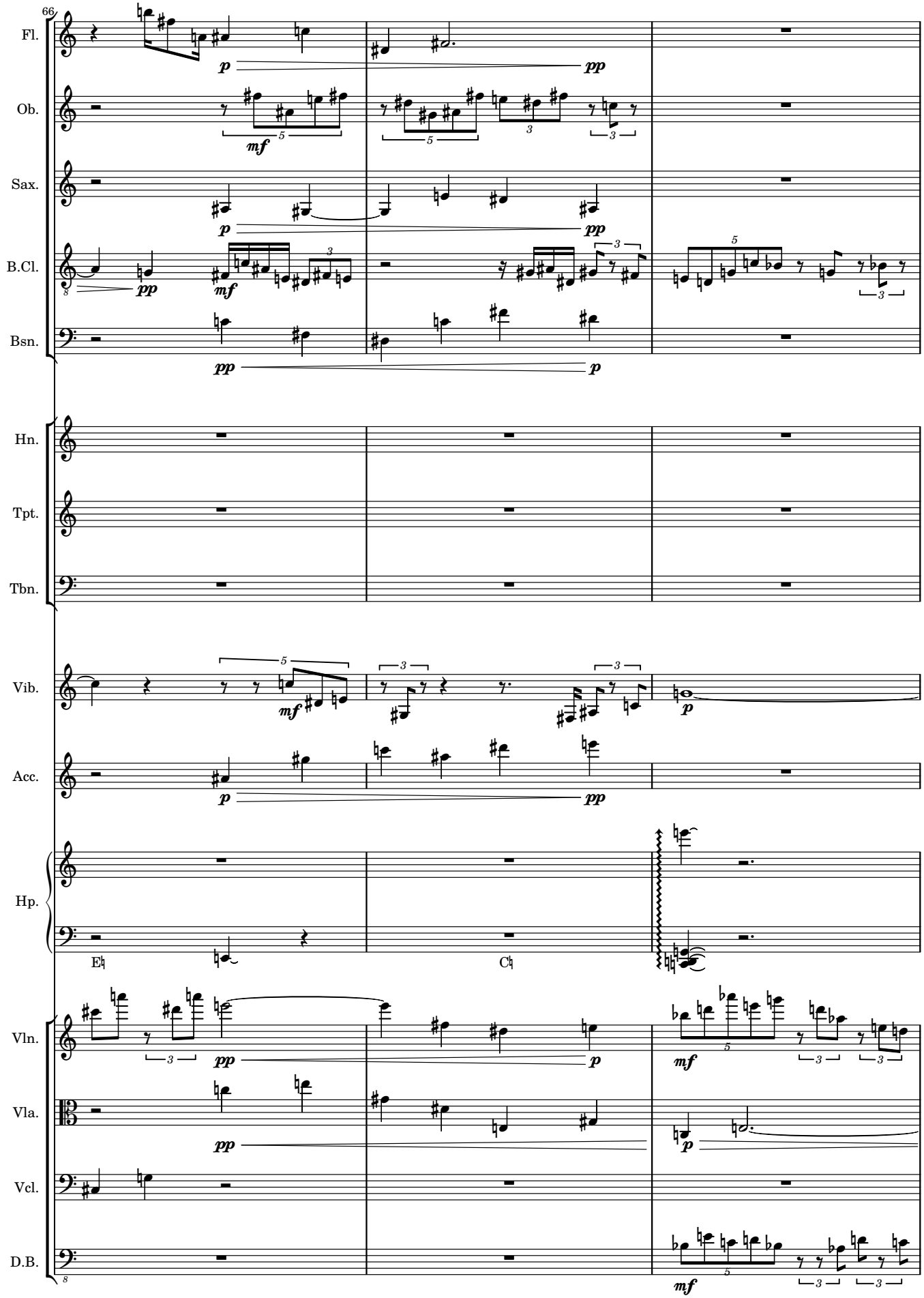
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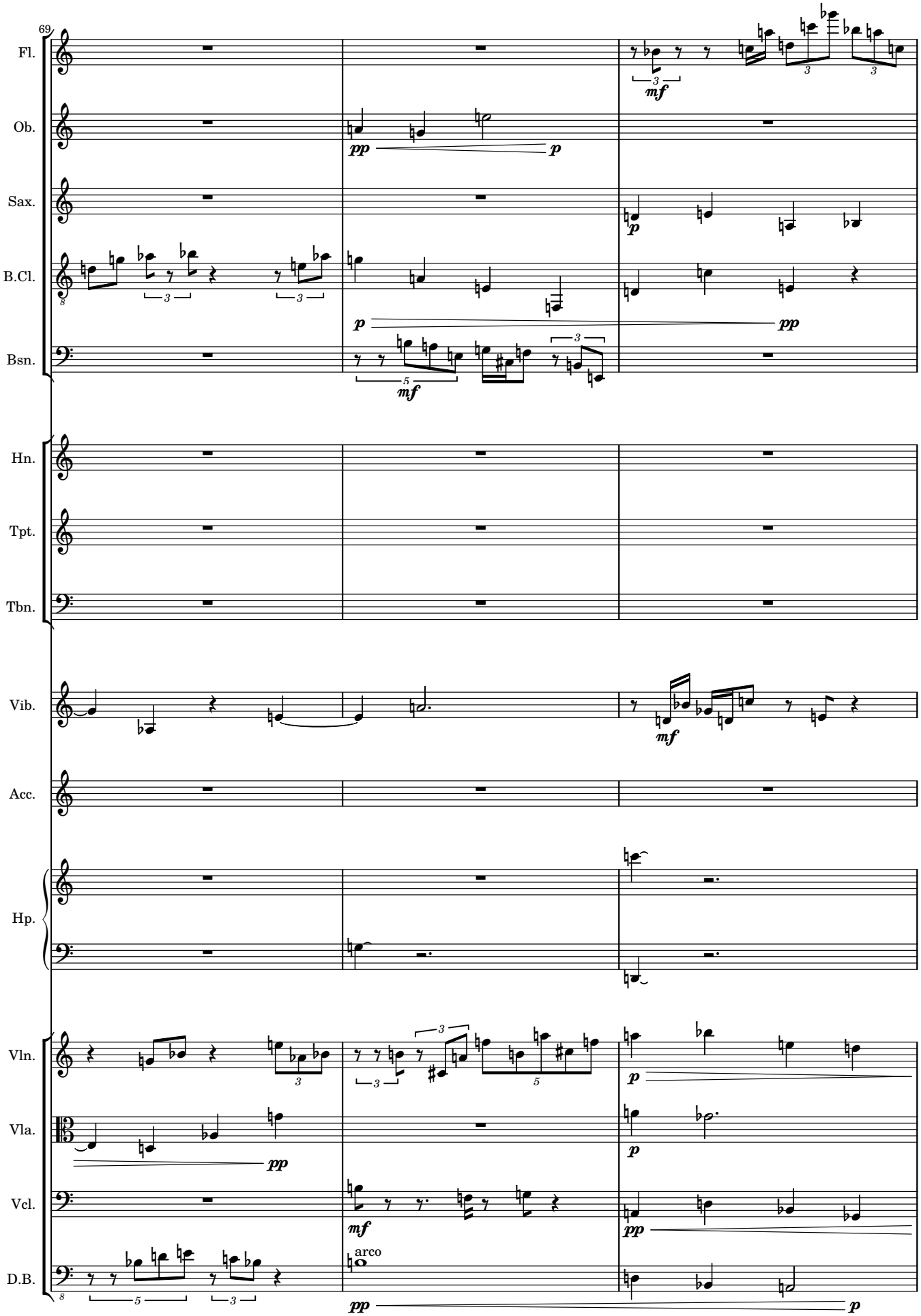
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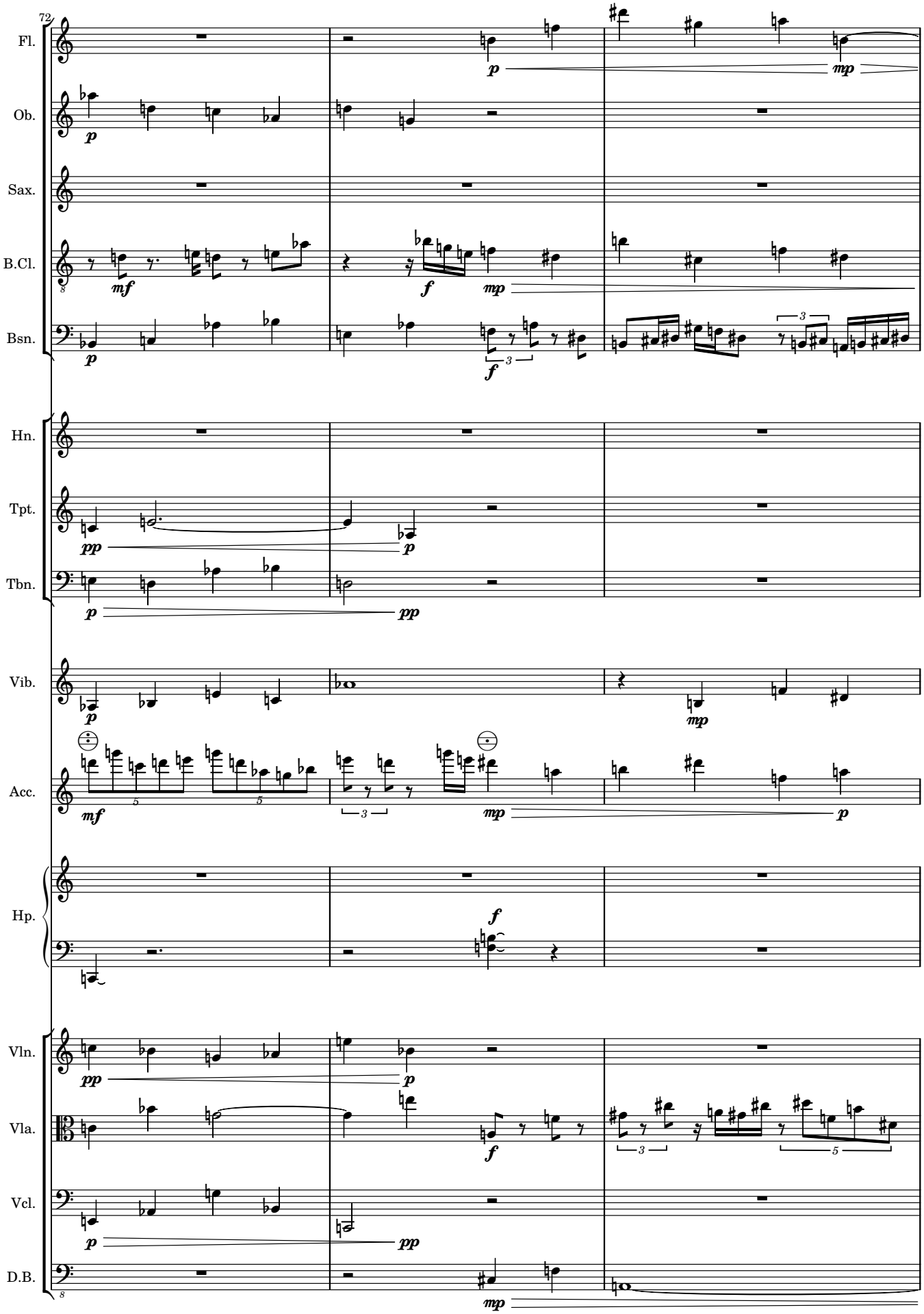
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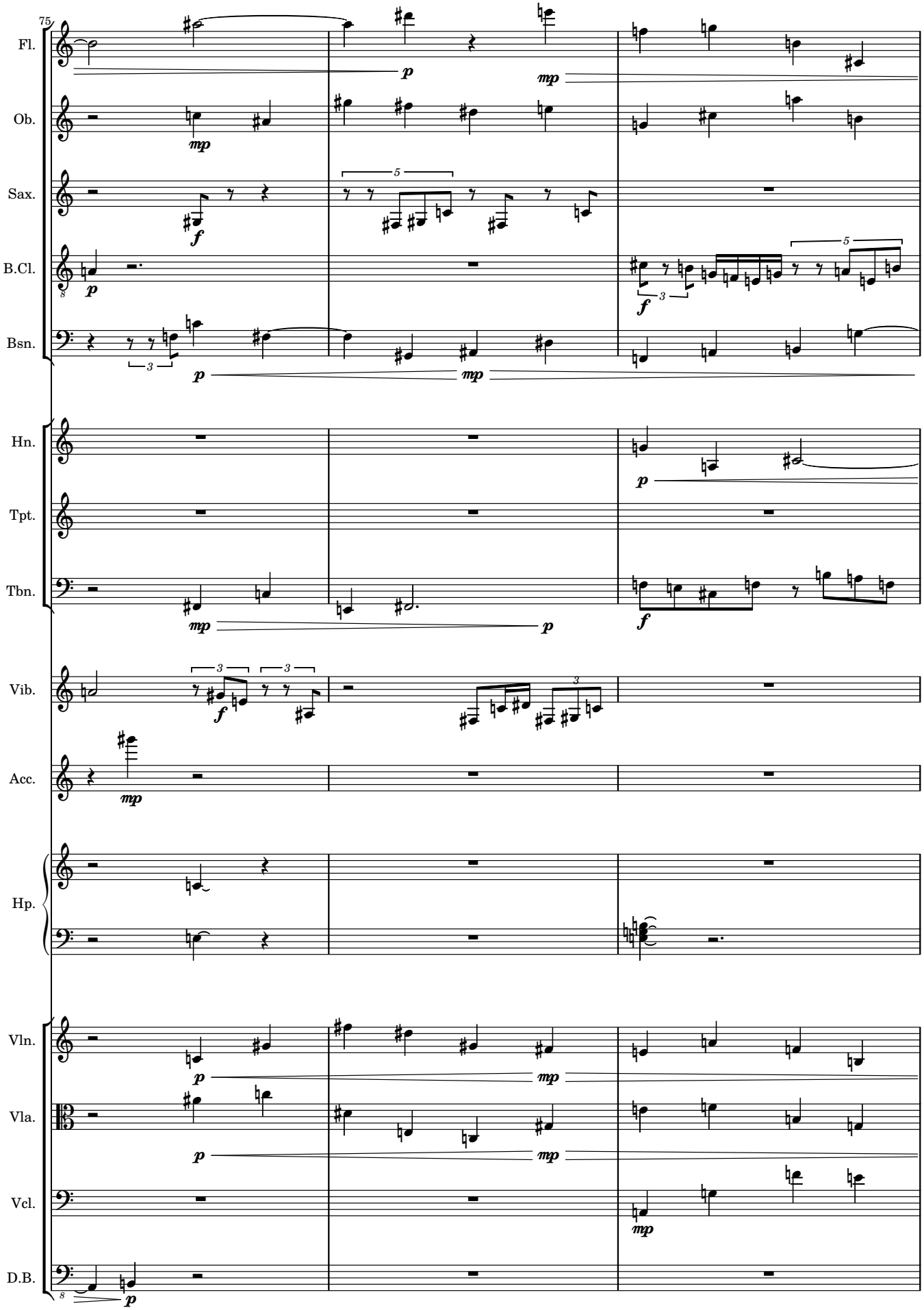
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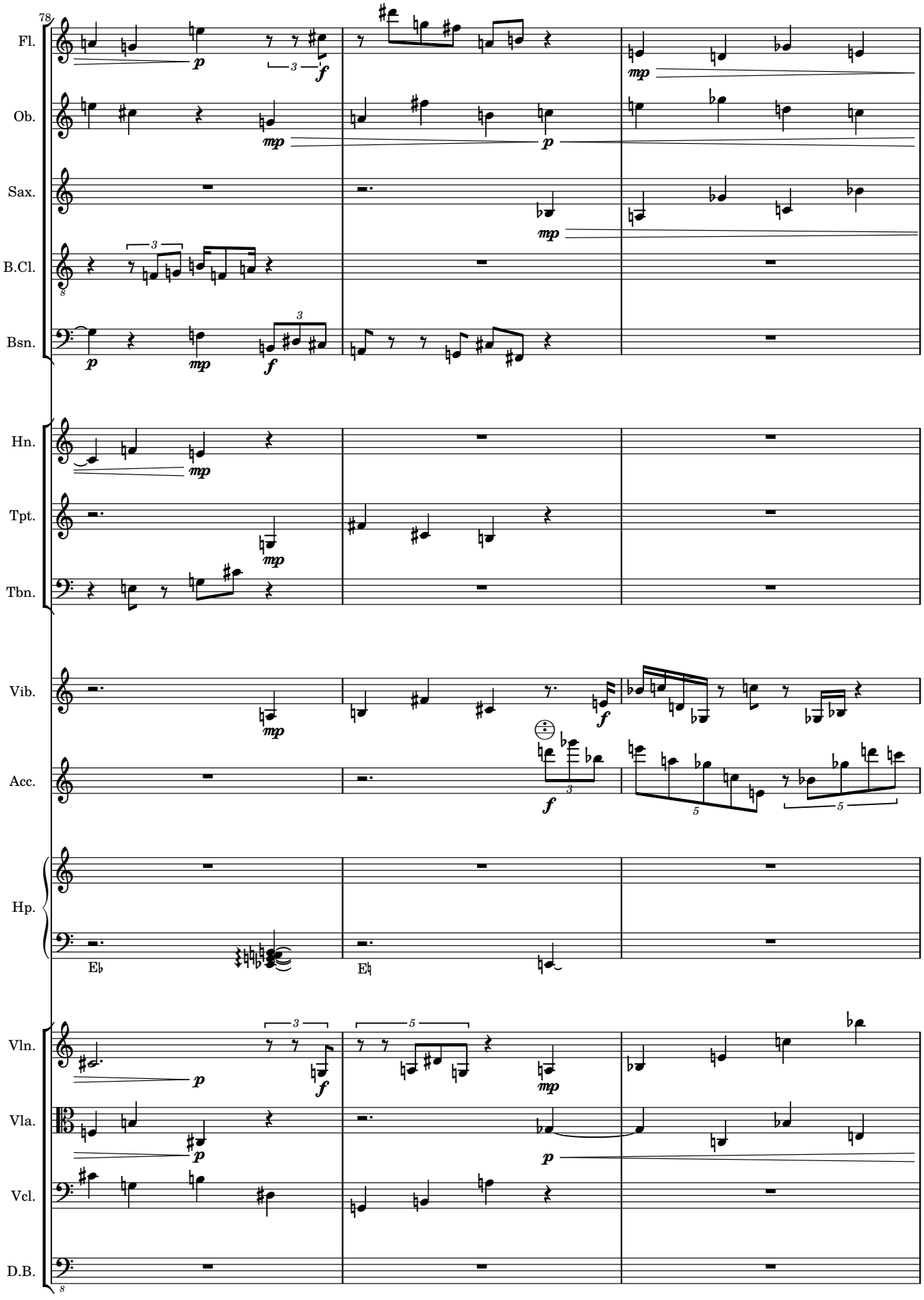
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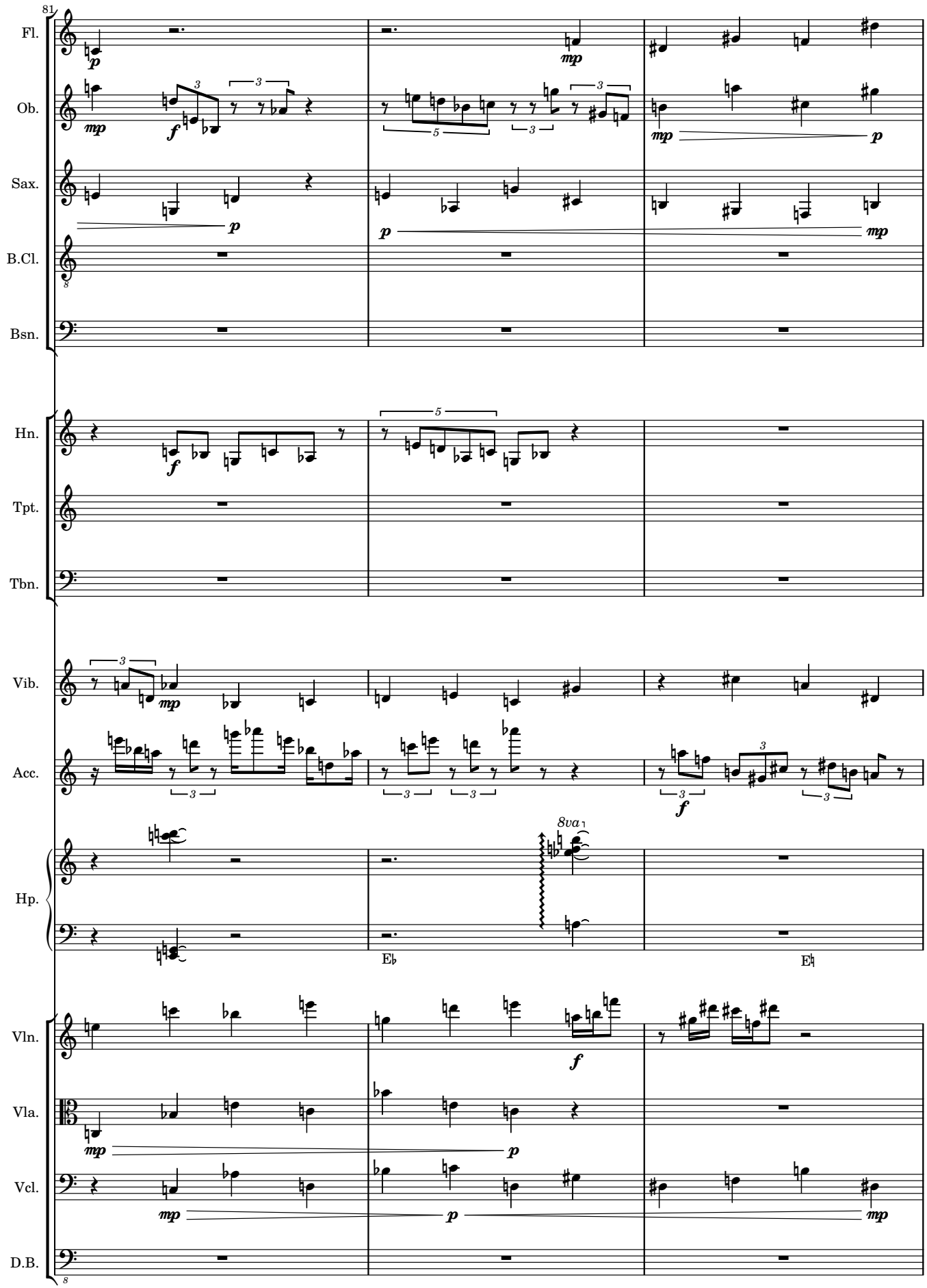
E♭
E♮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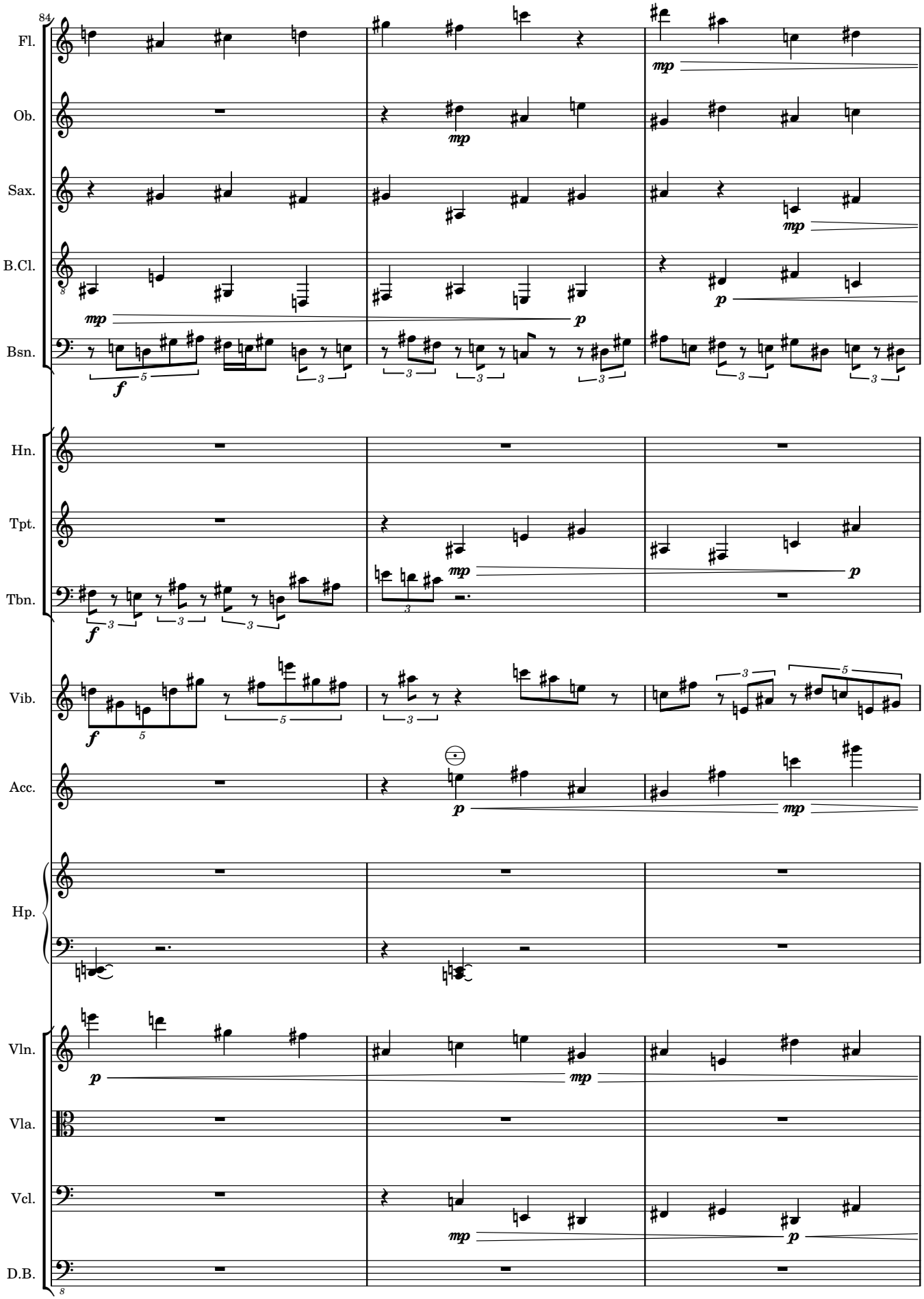
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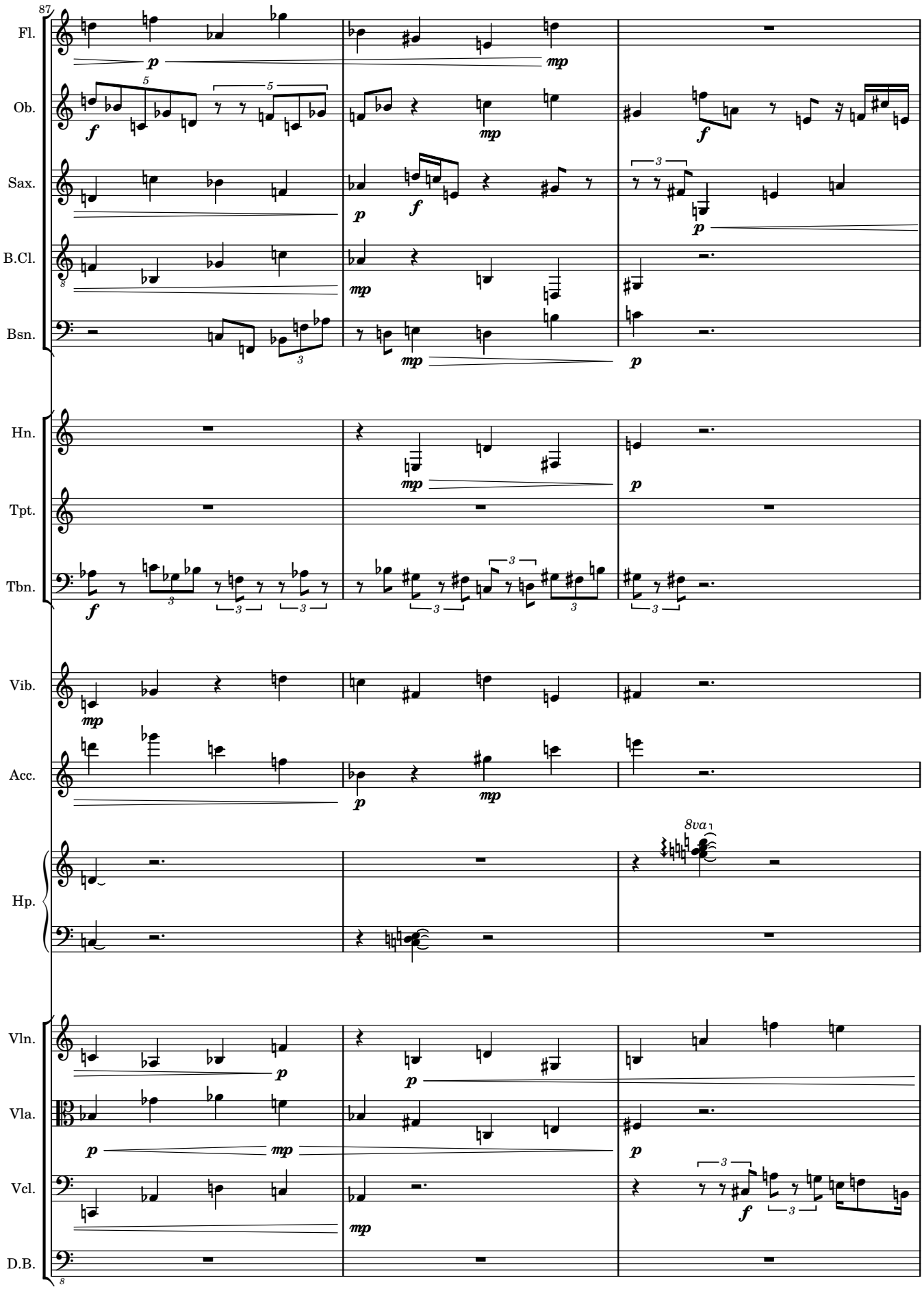
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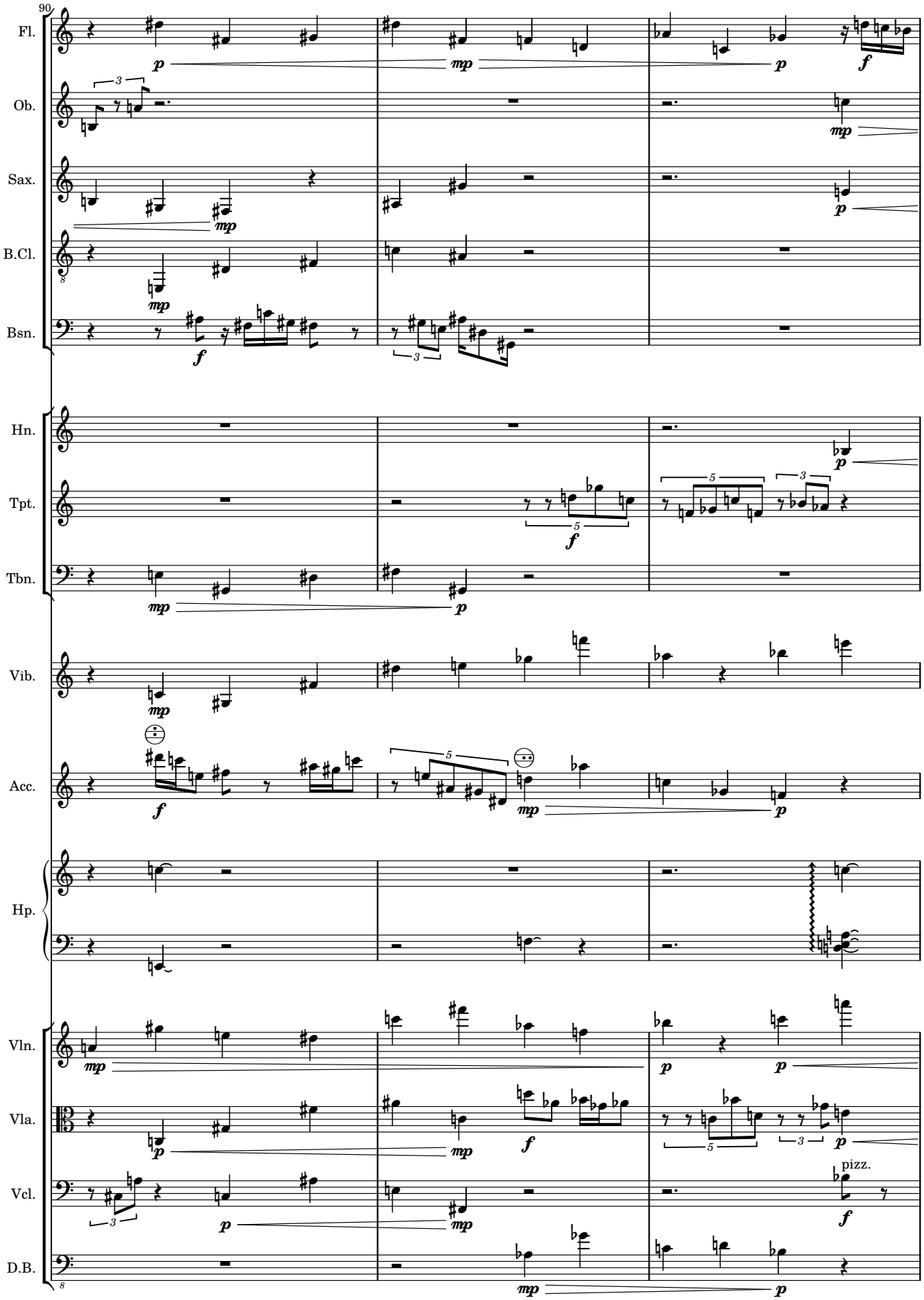
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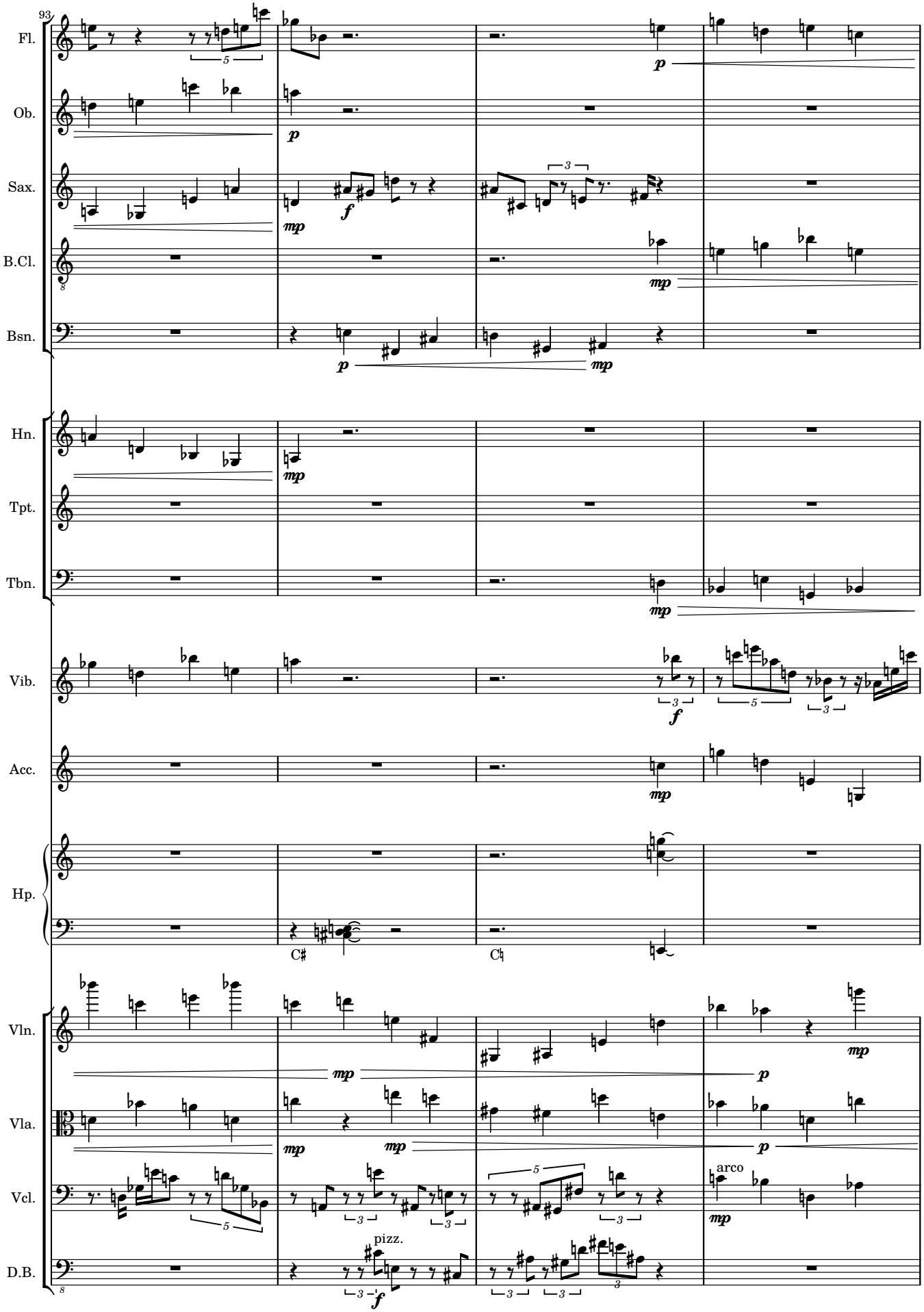
pizz.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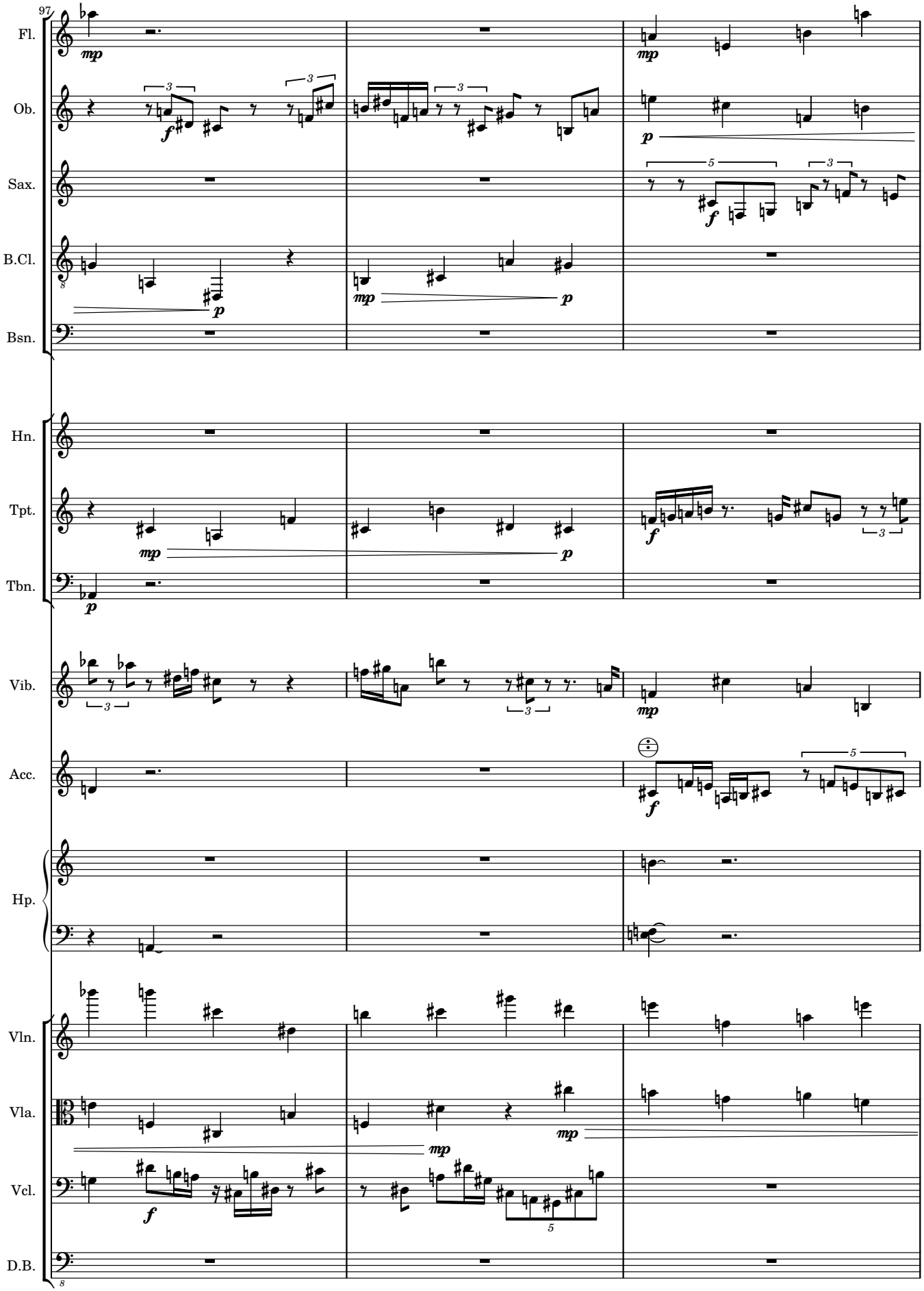
D.B.
pizz.
arco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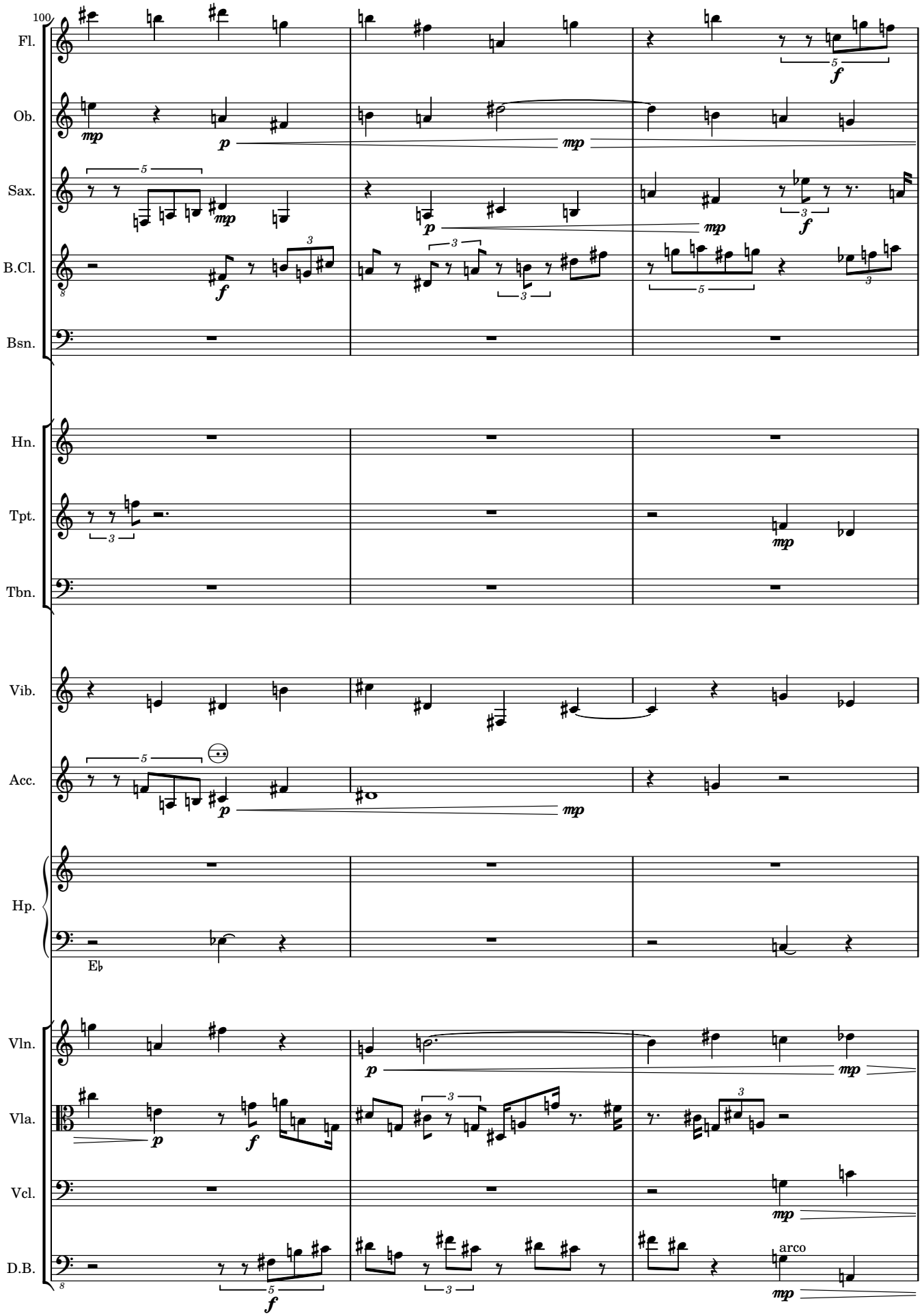
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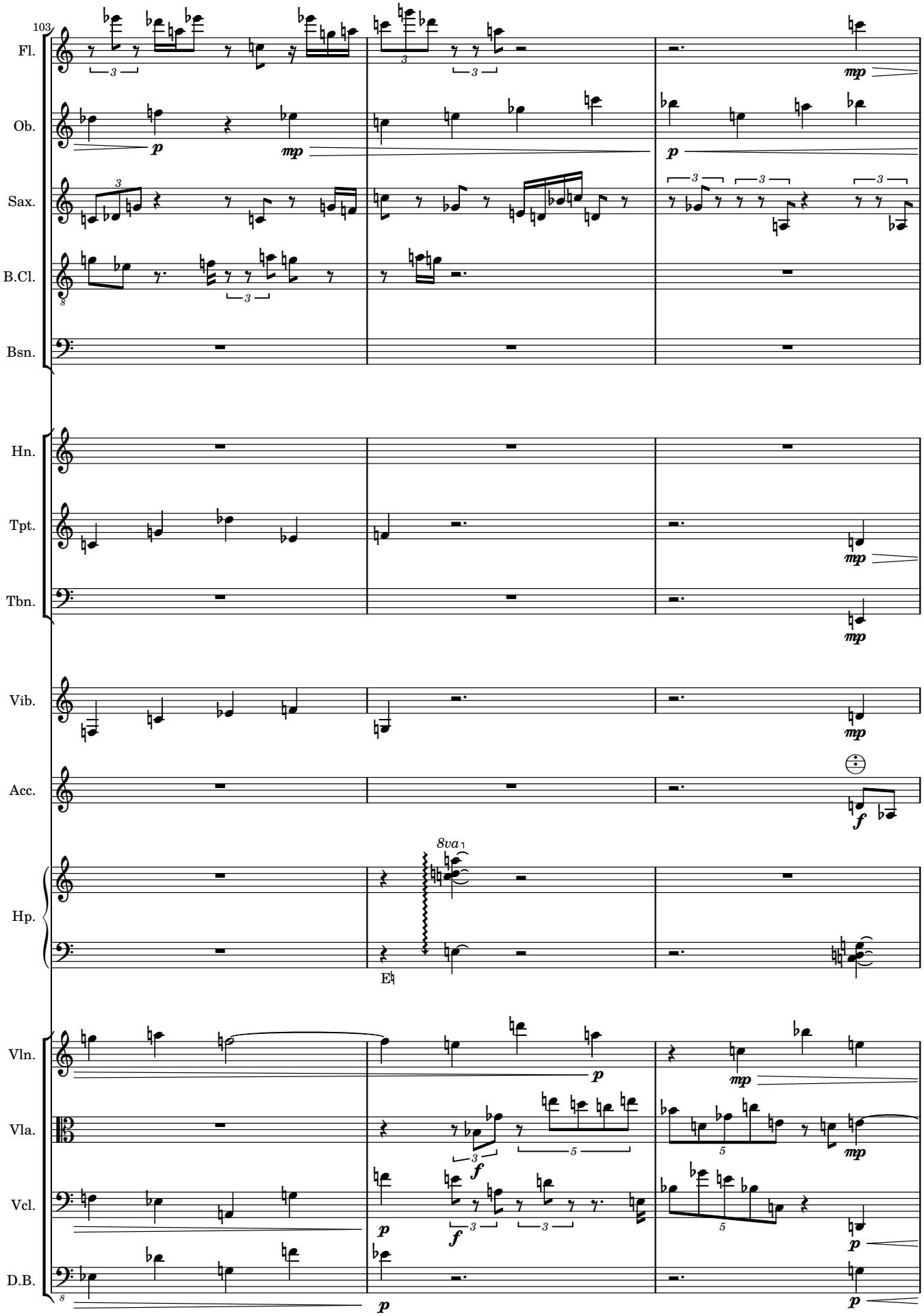
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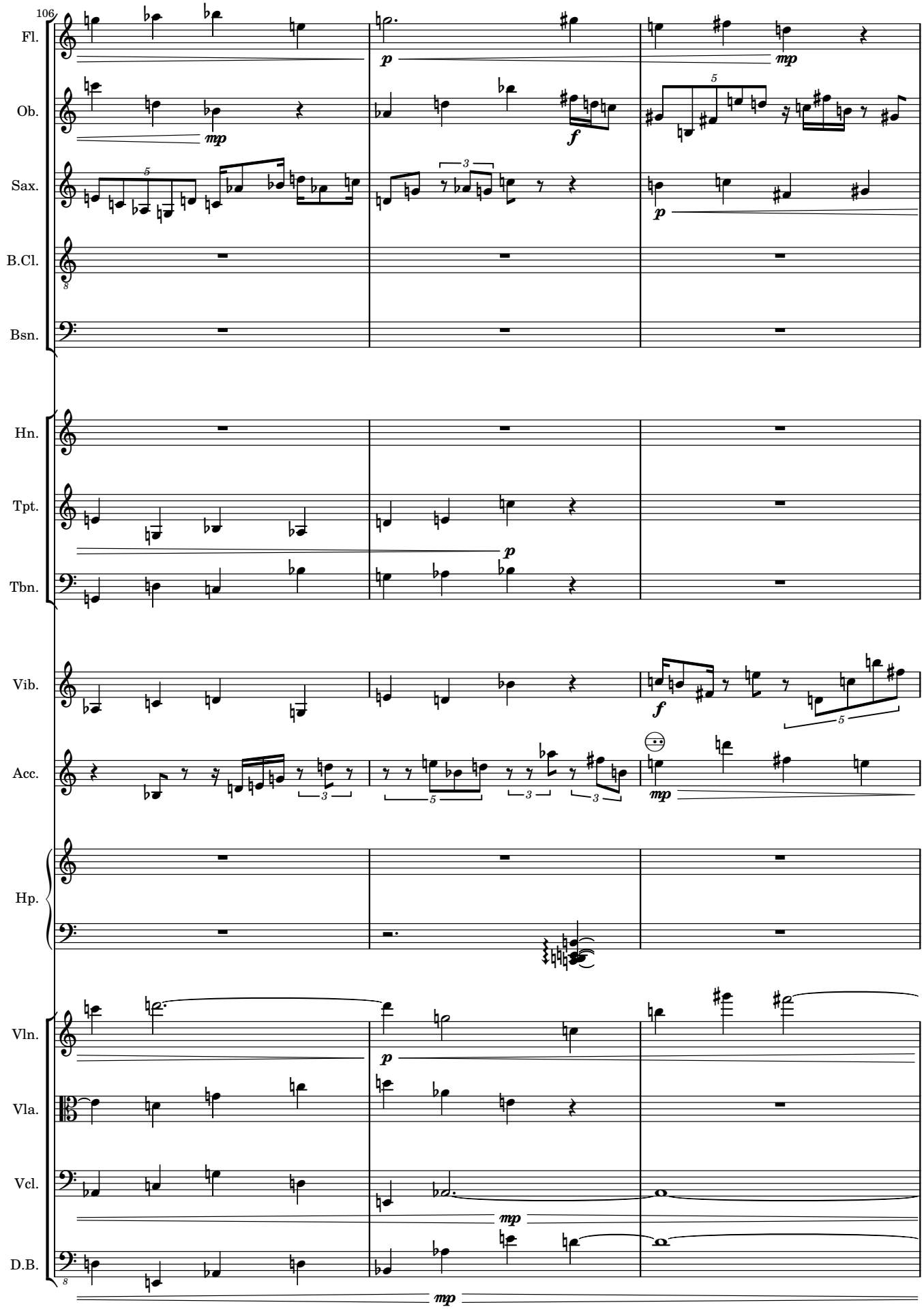
E♮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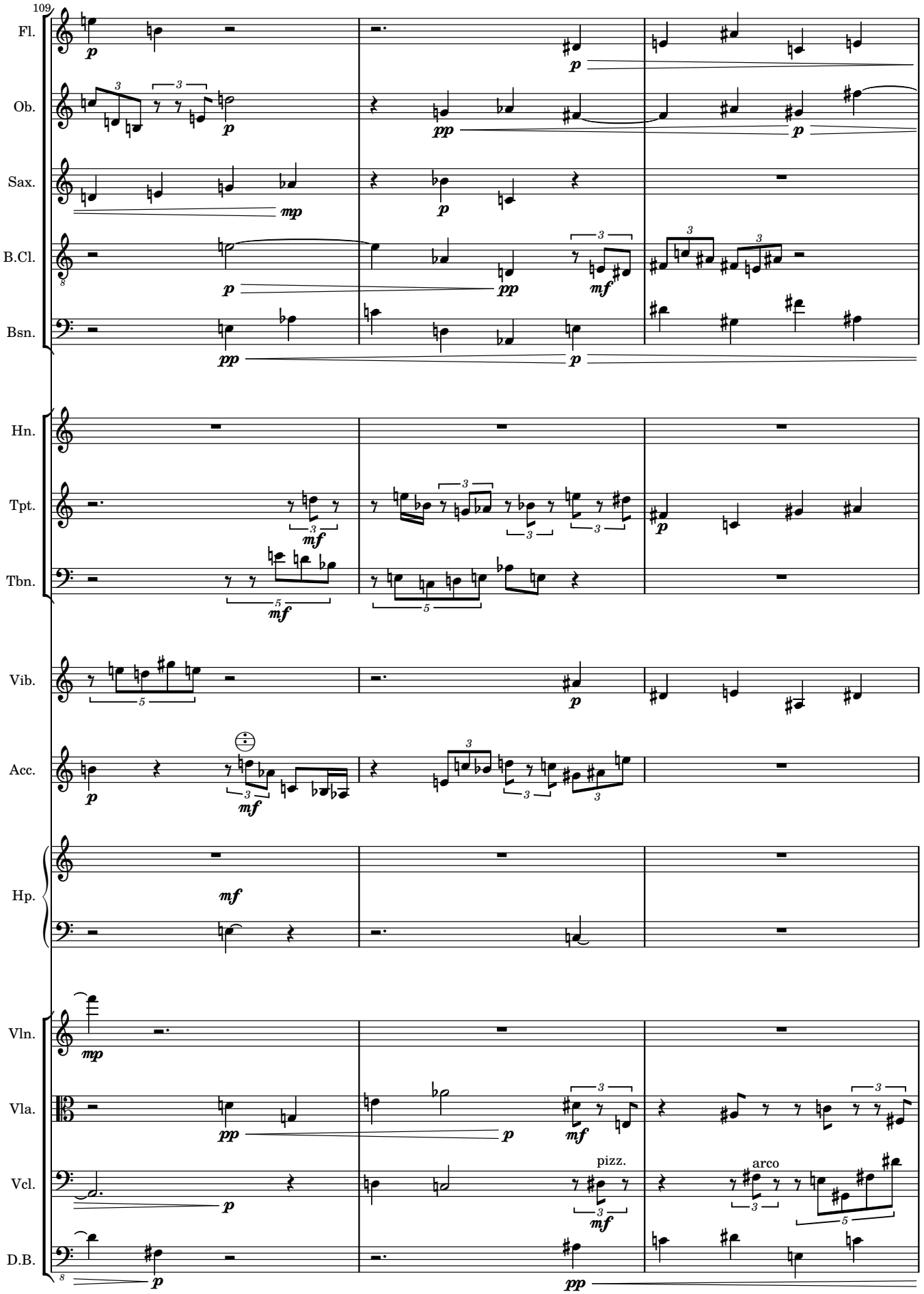
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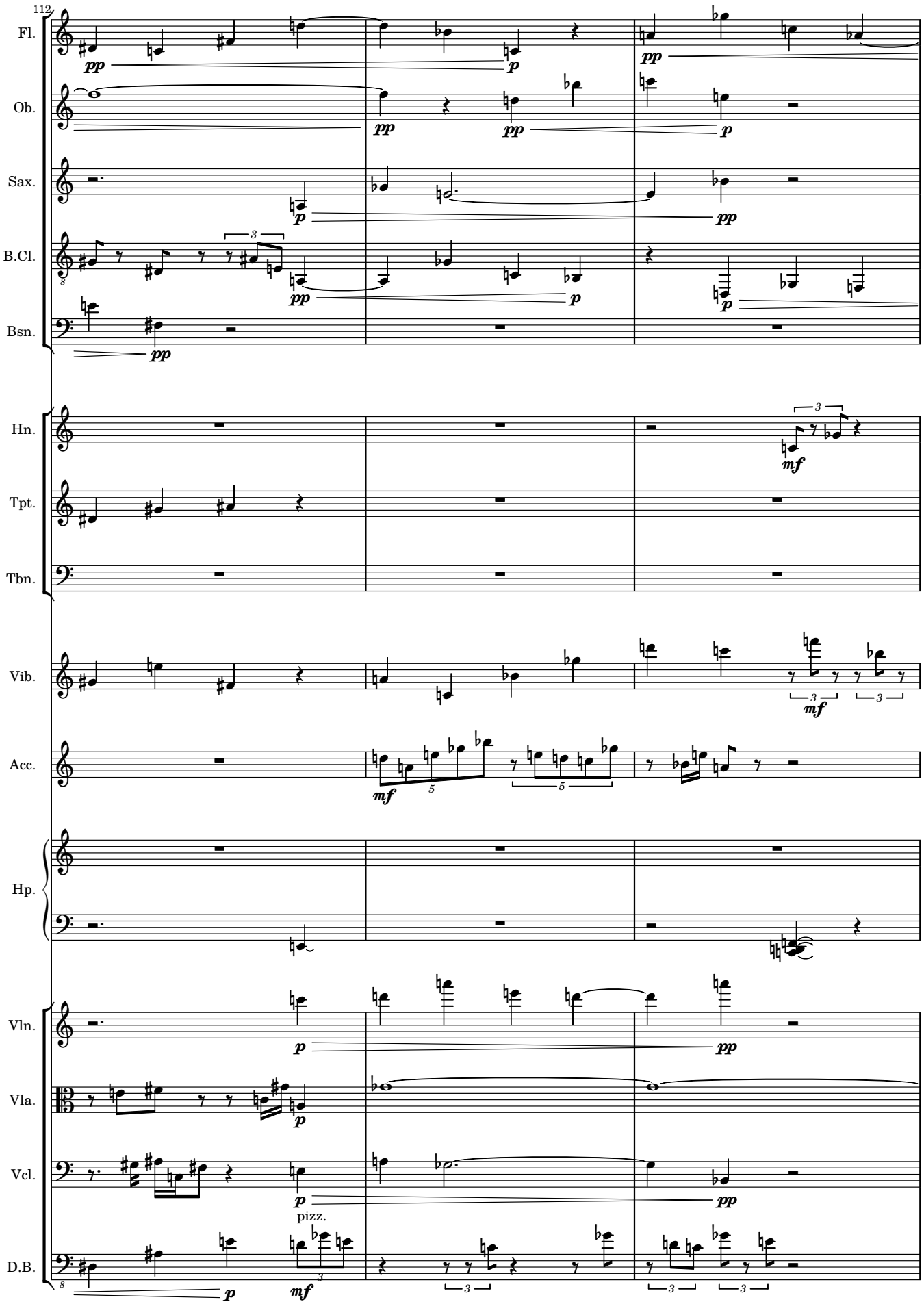
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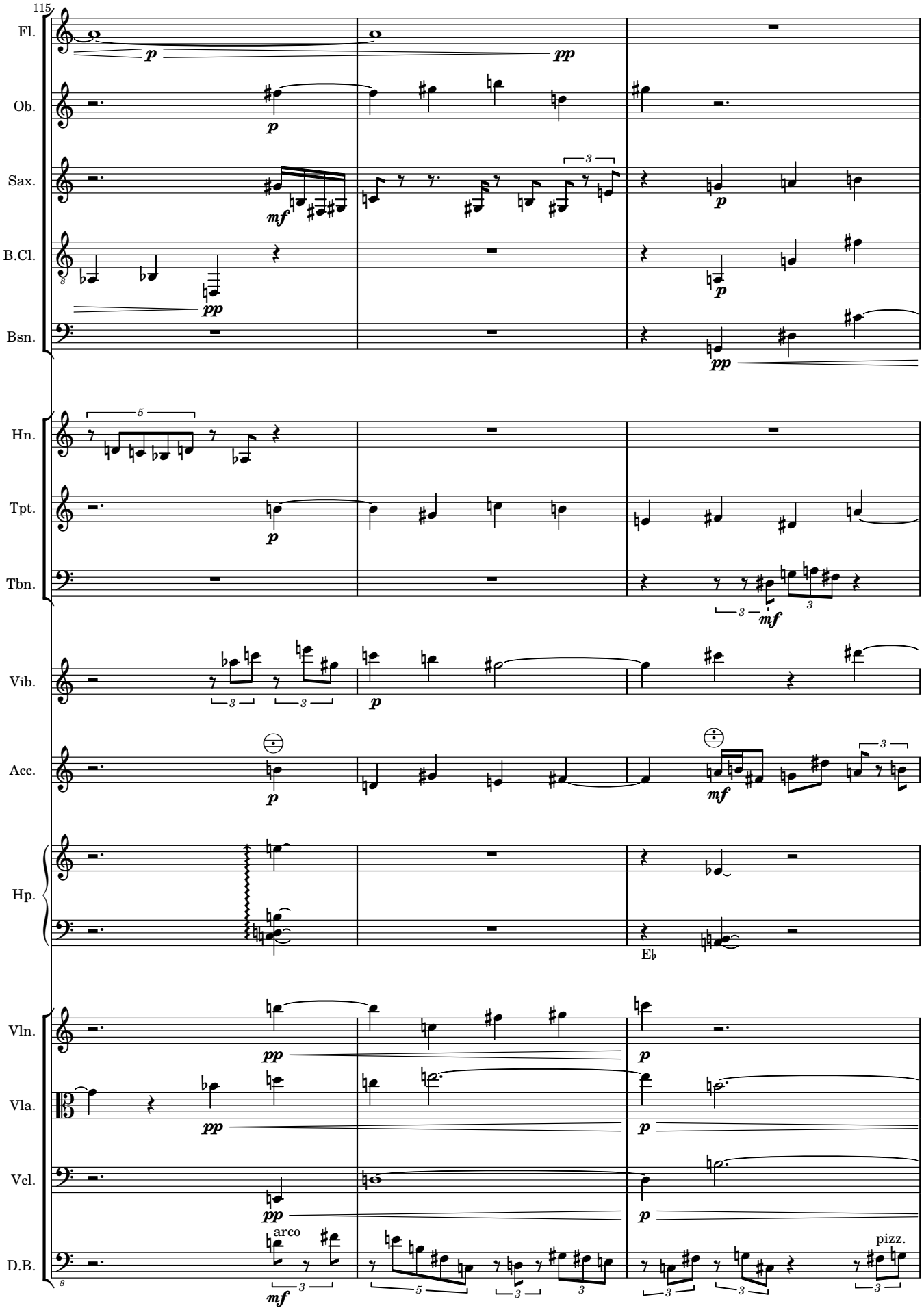
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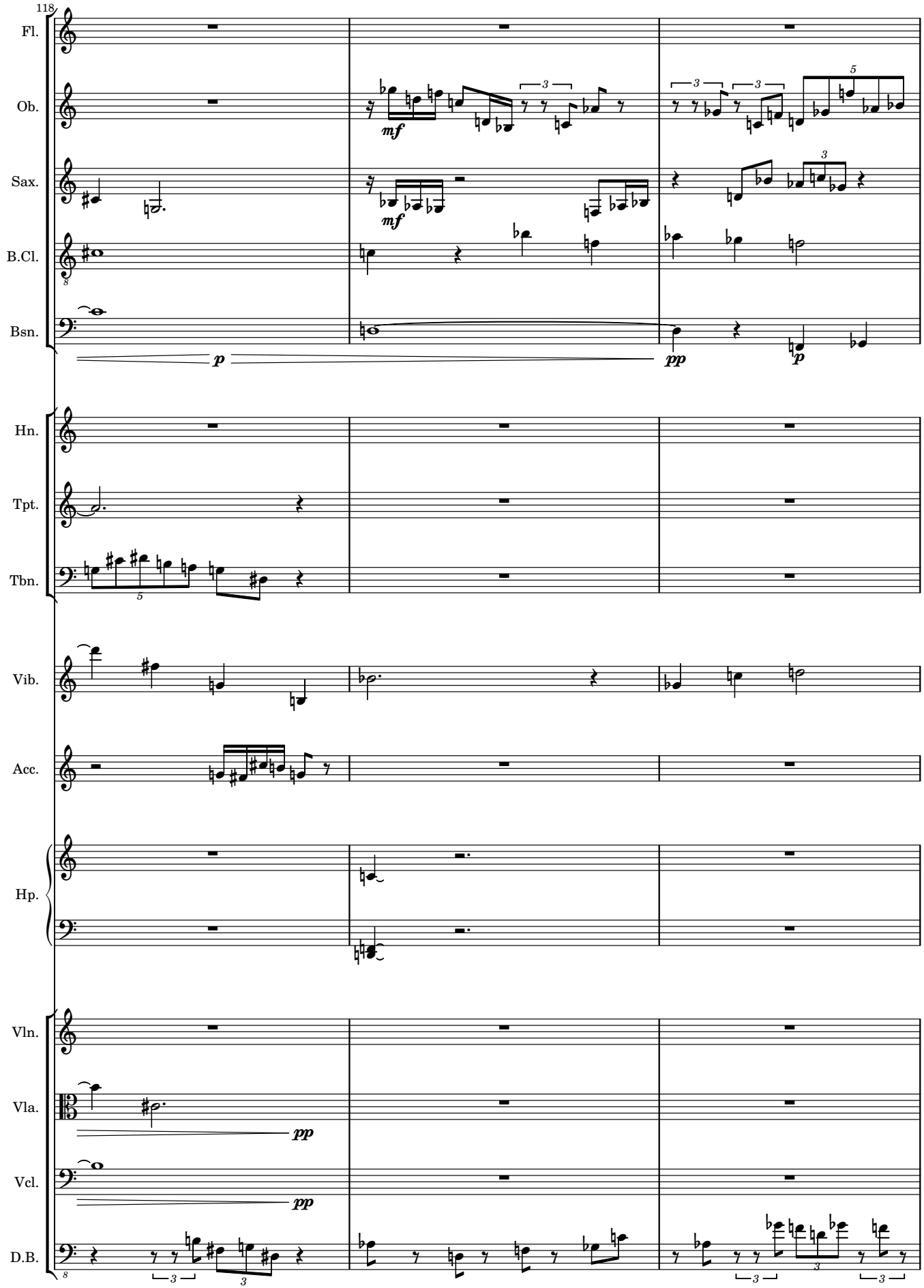
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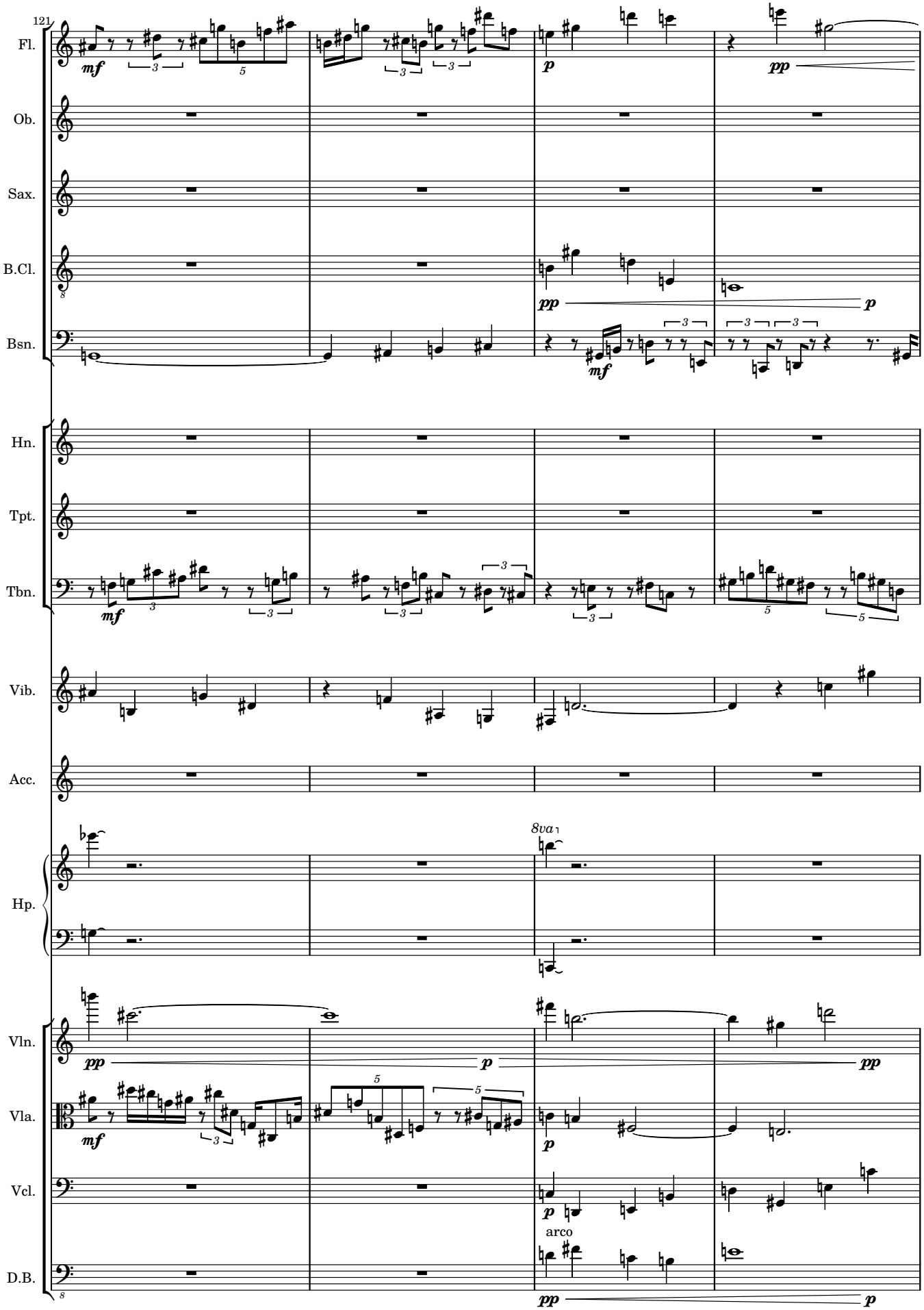
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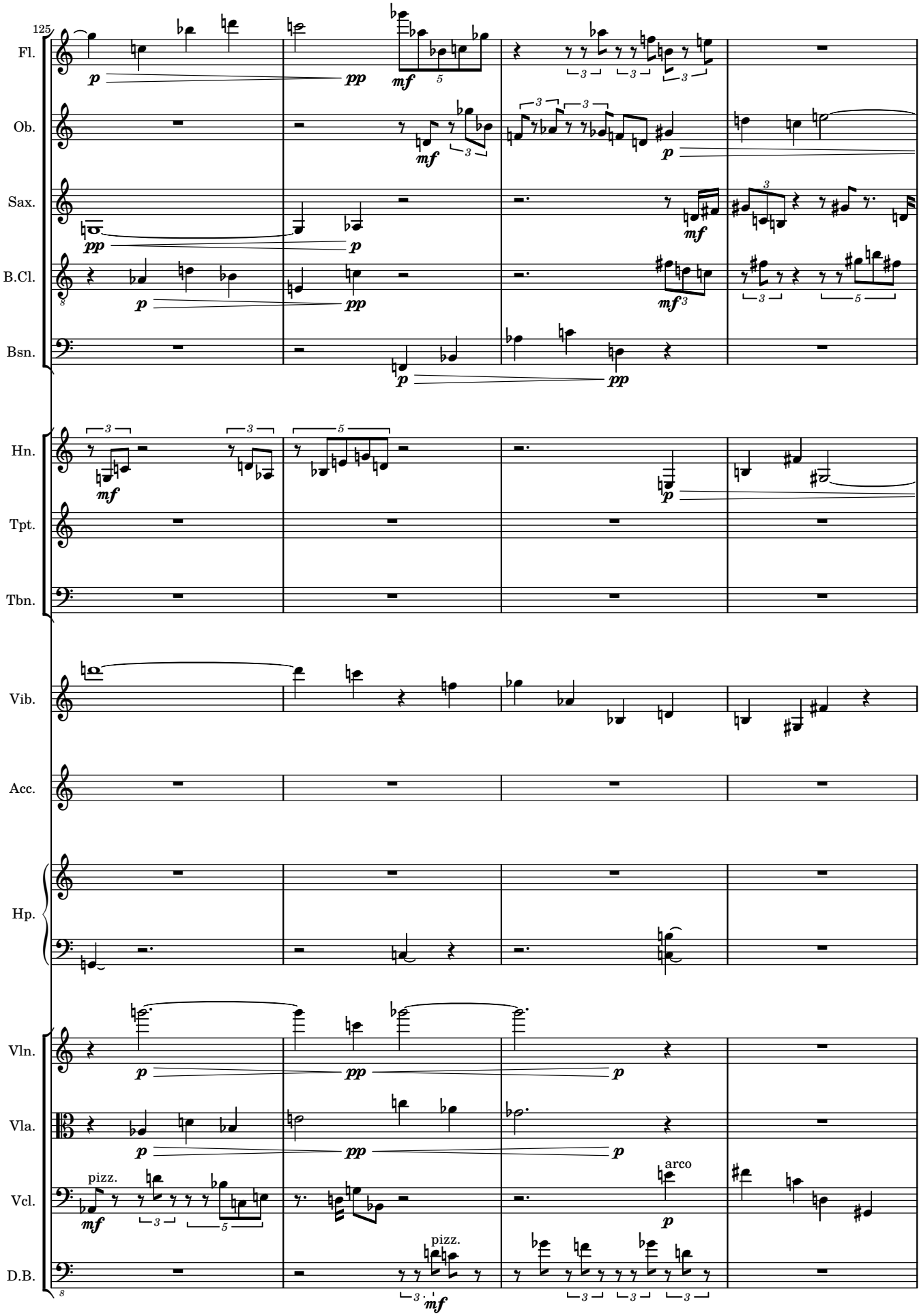
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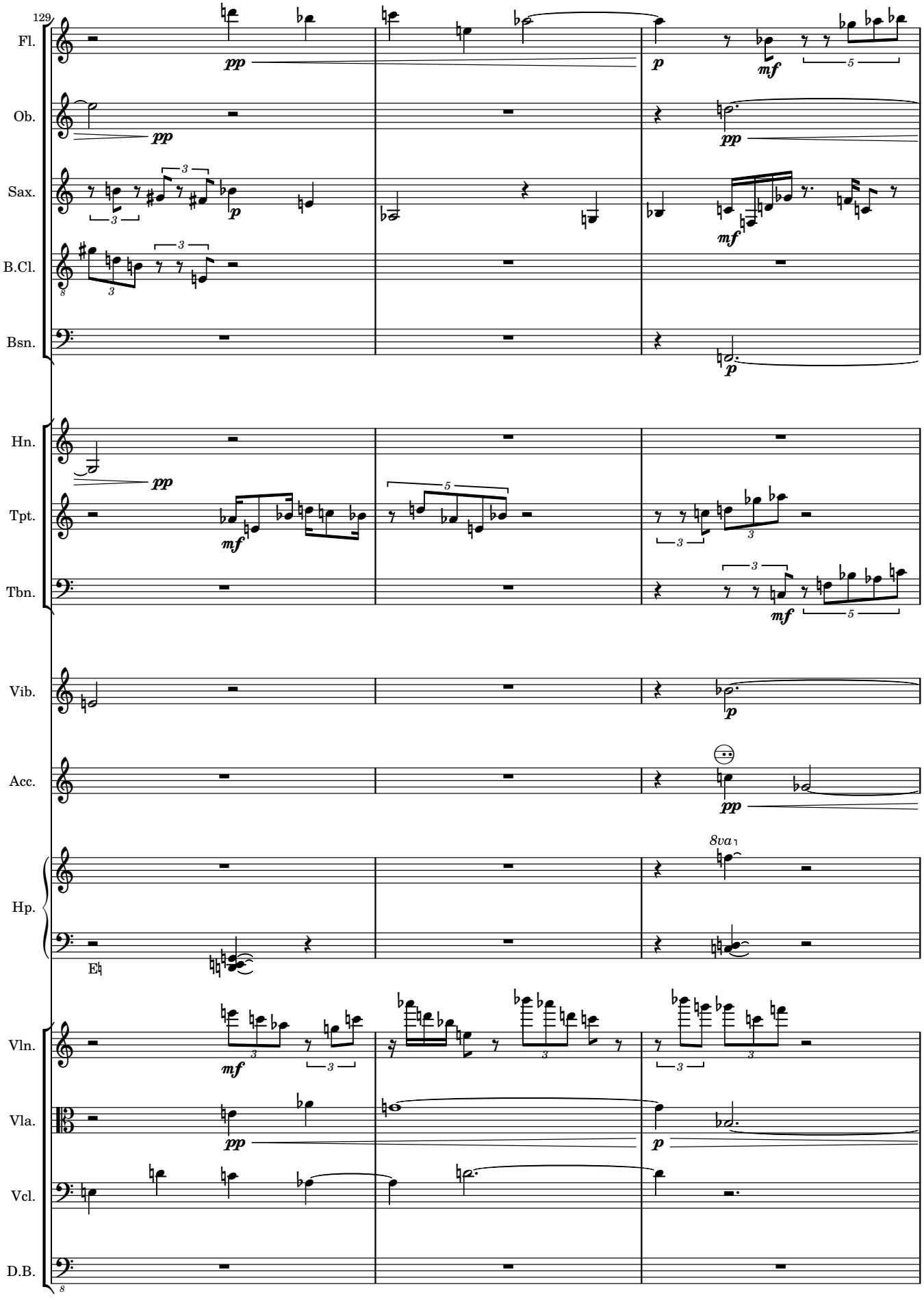
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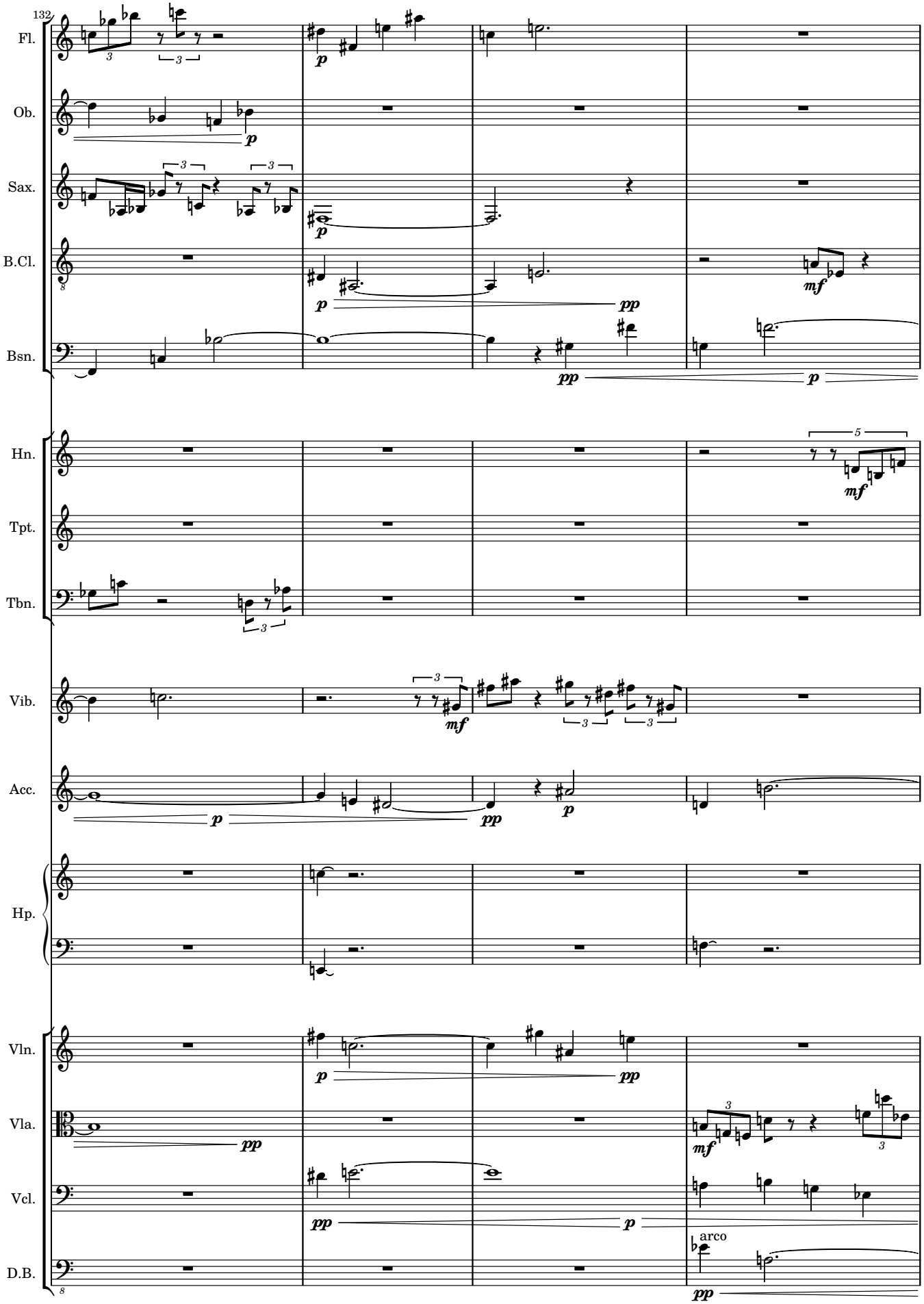
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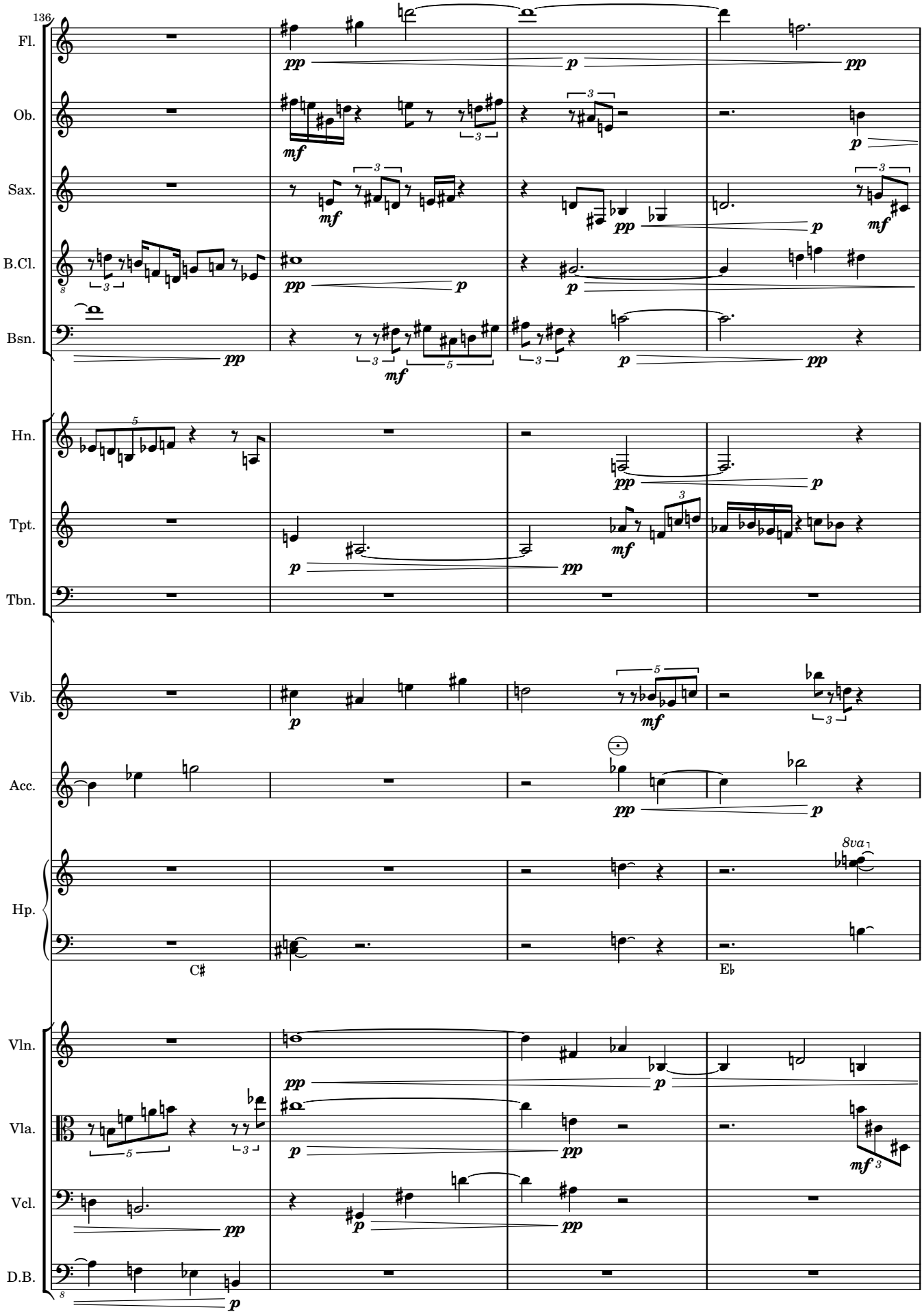
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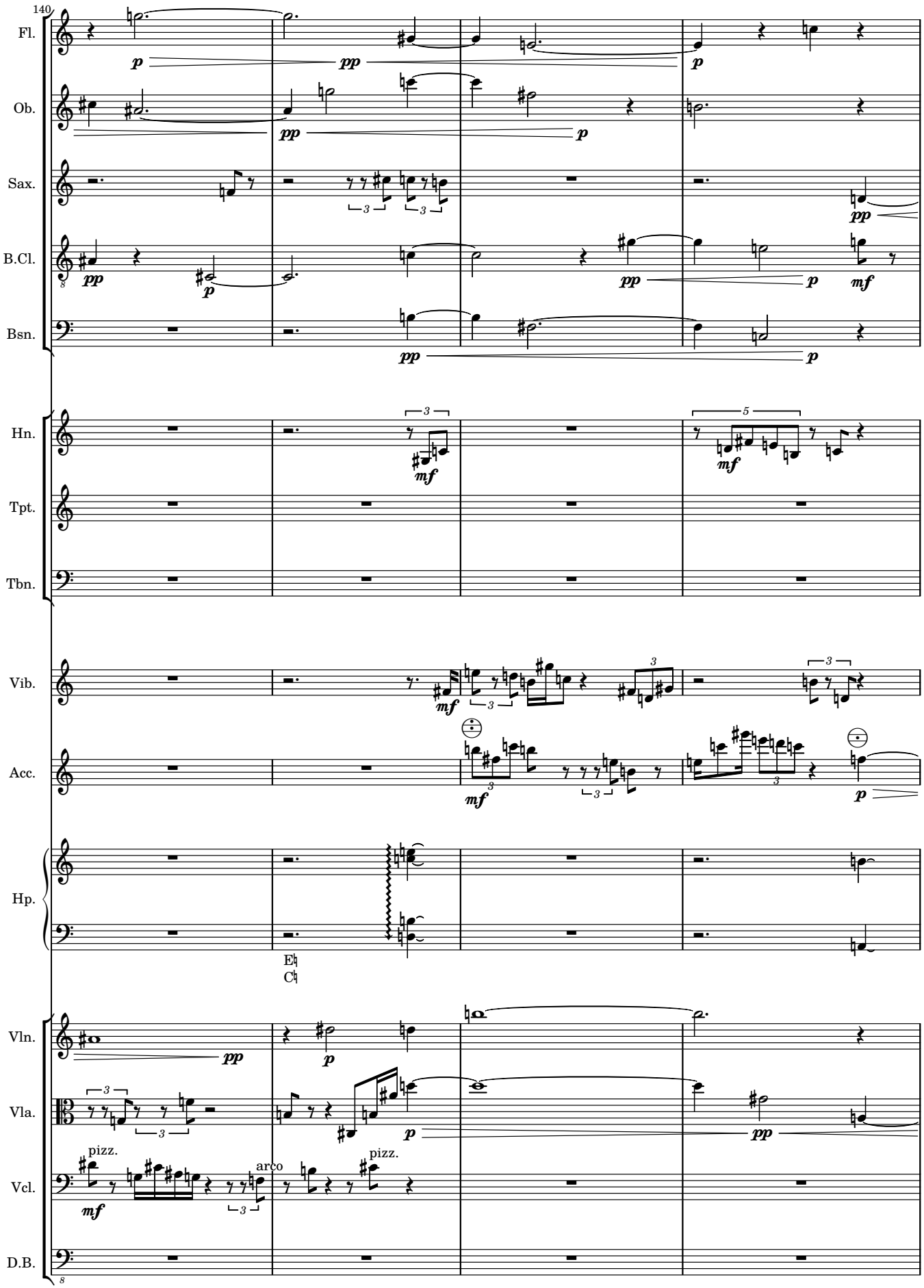
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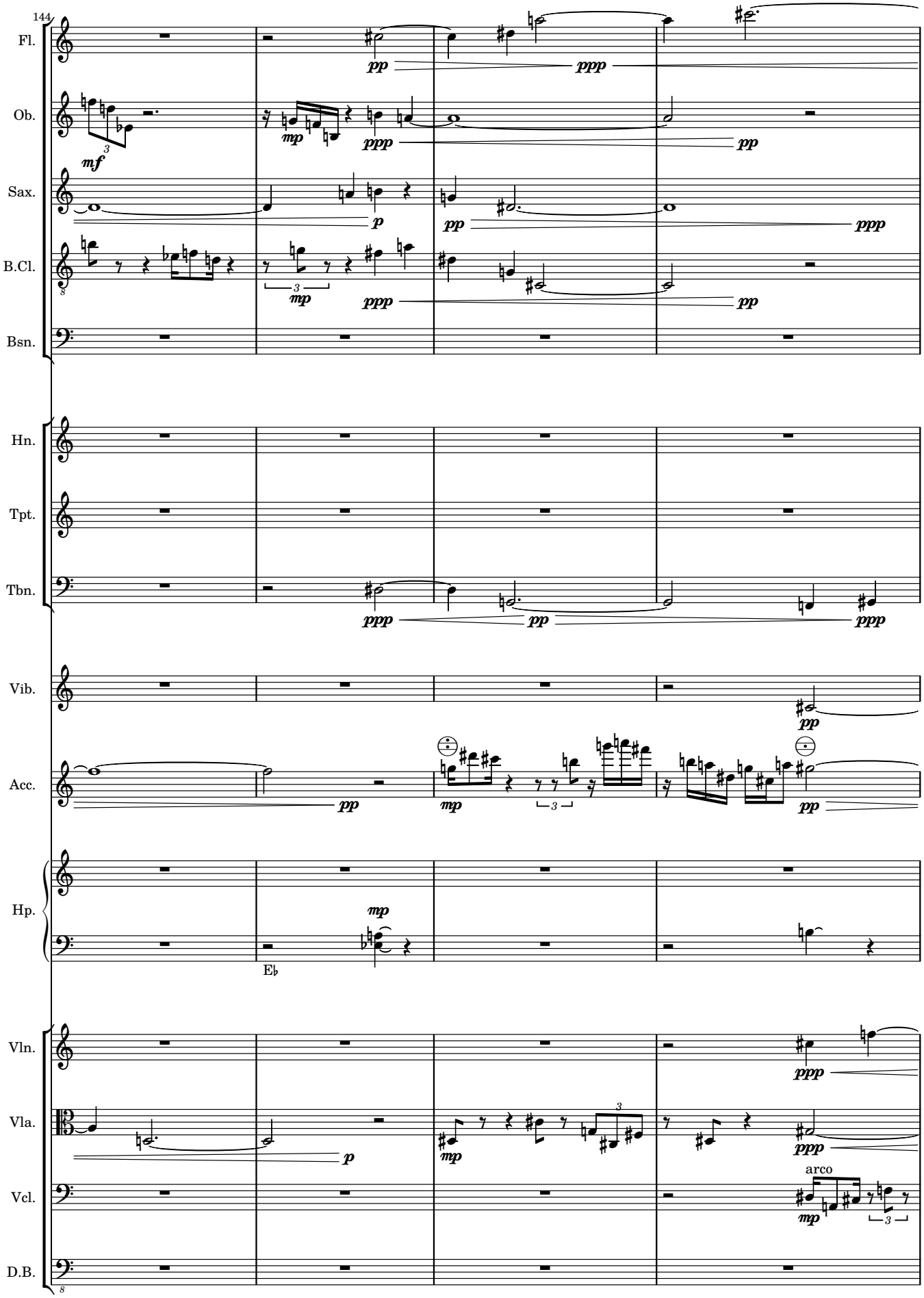
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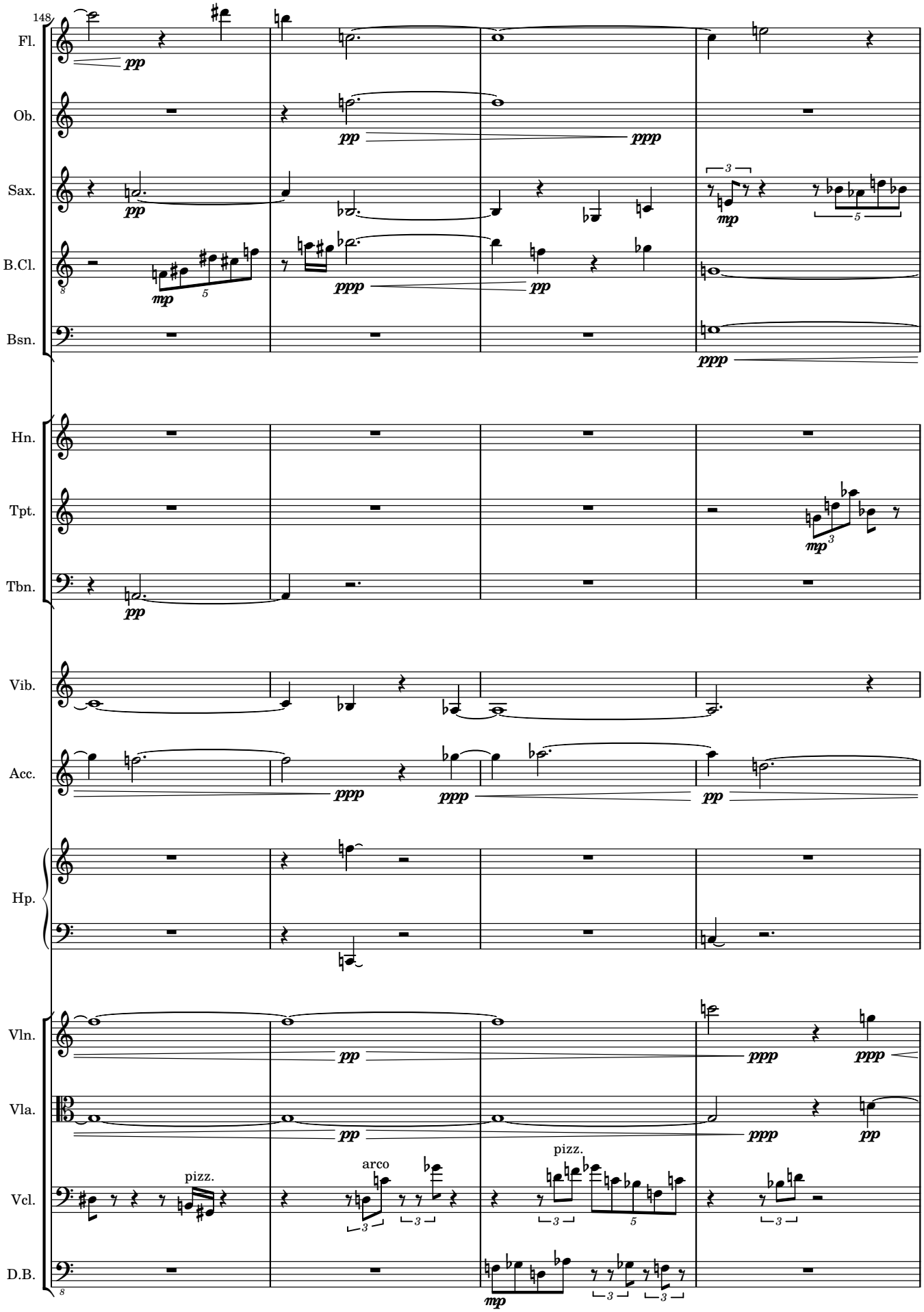
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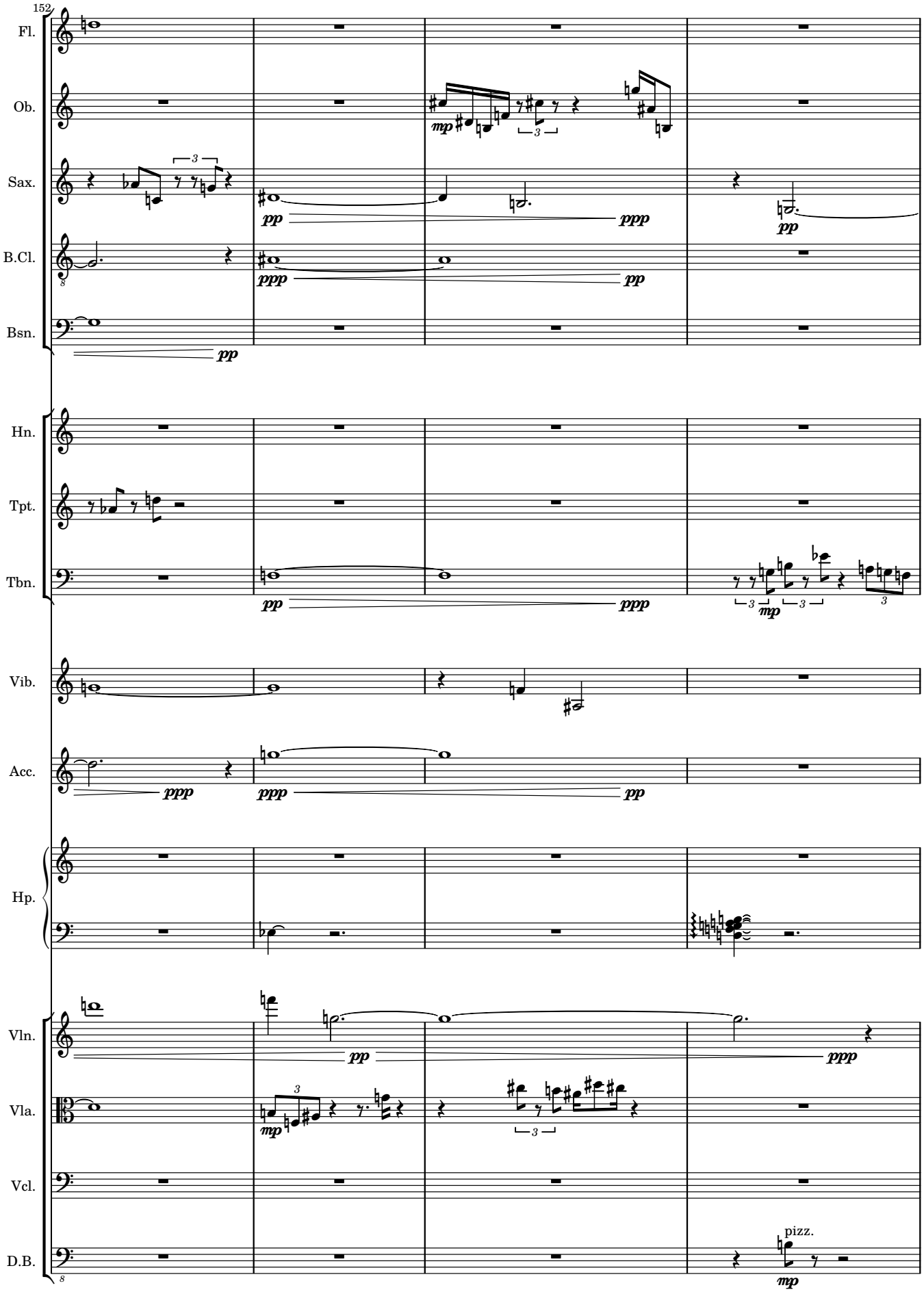
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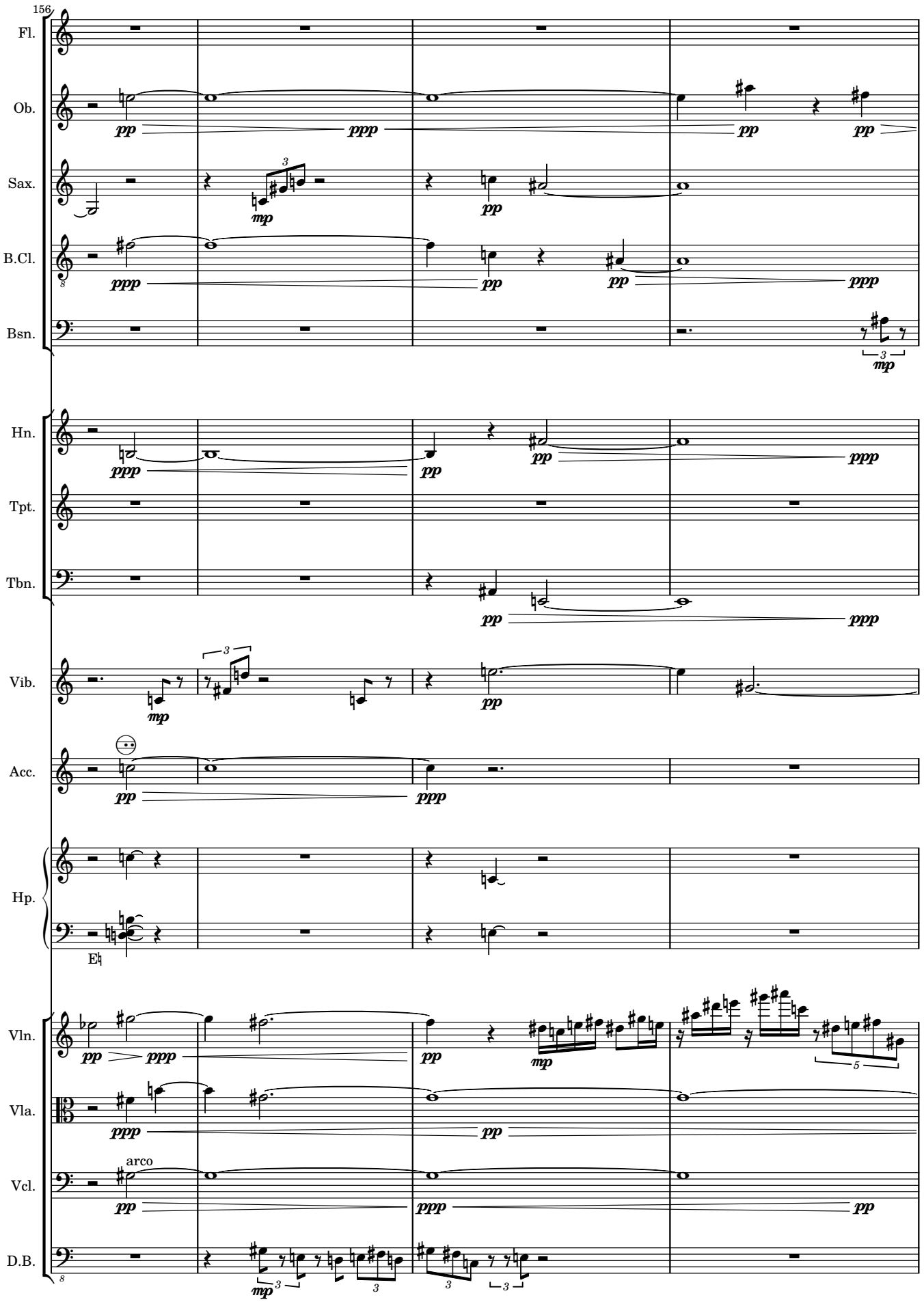
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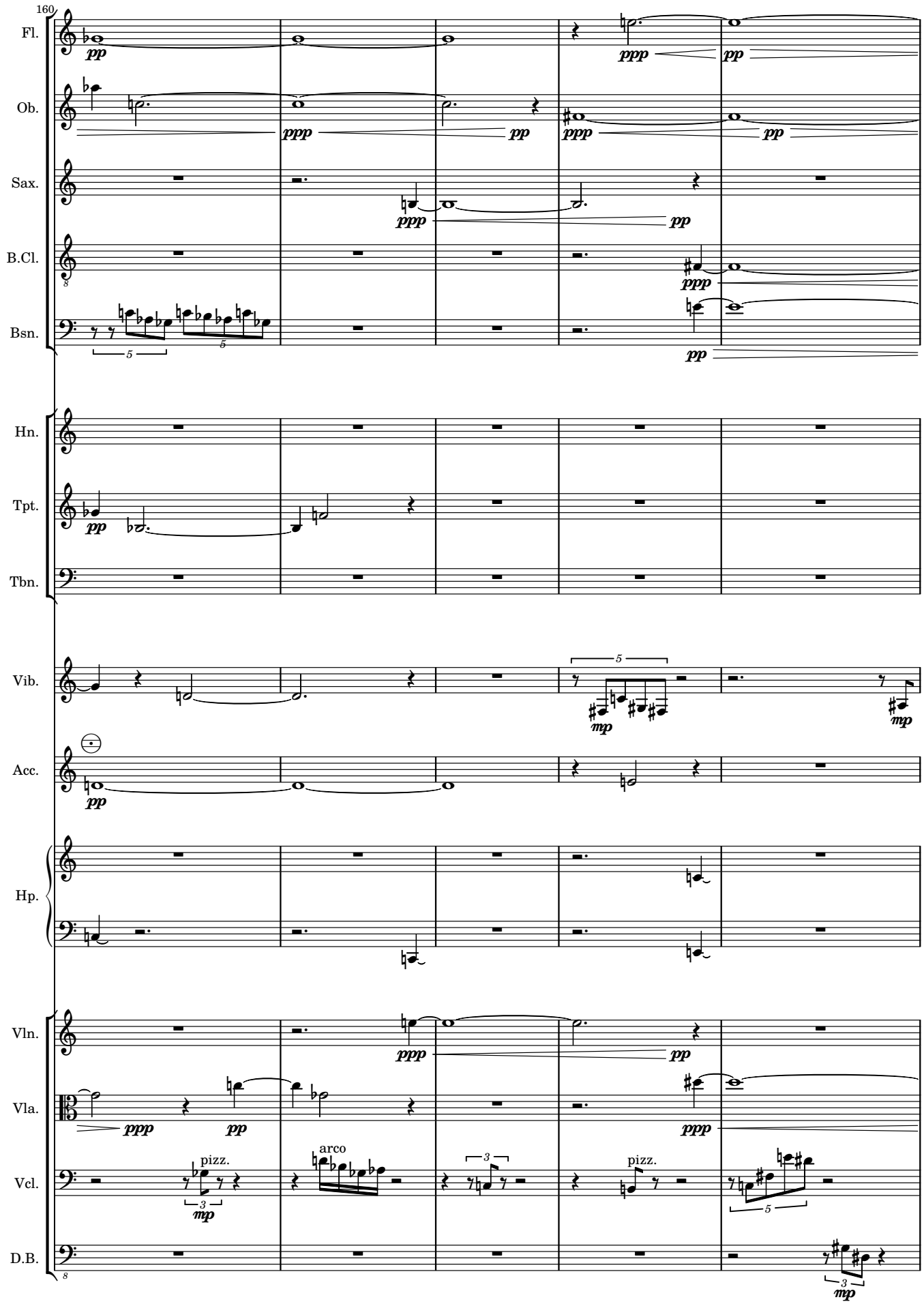
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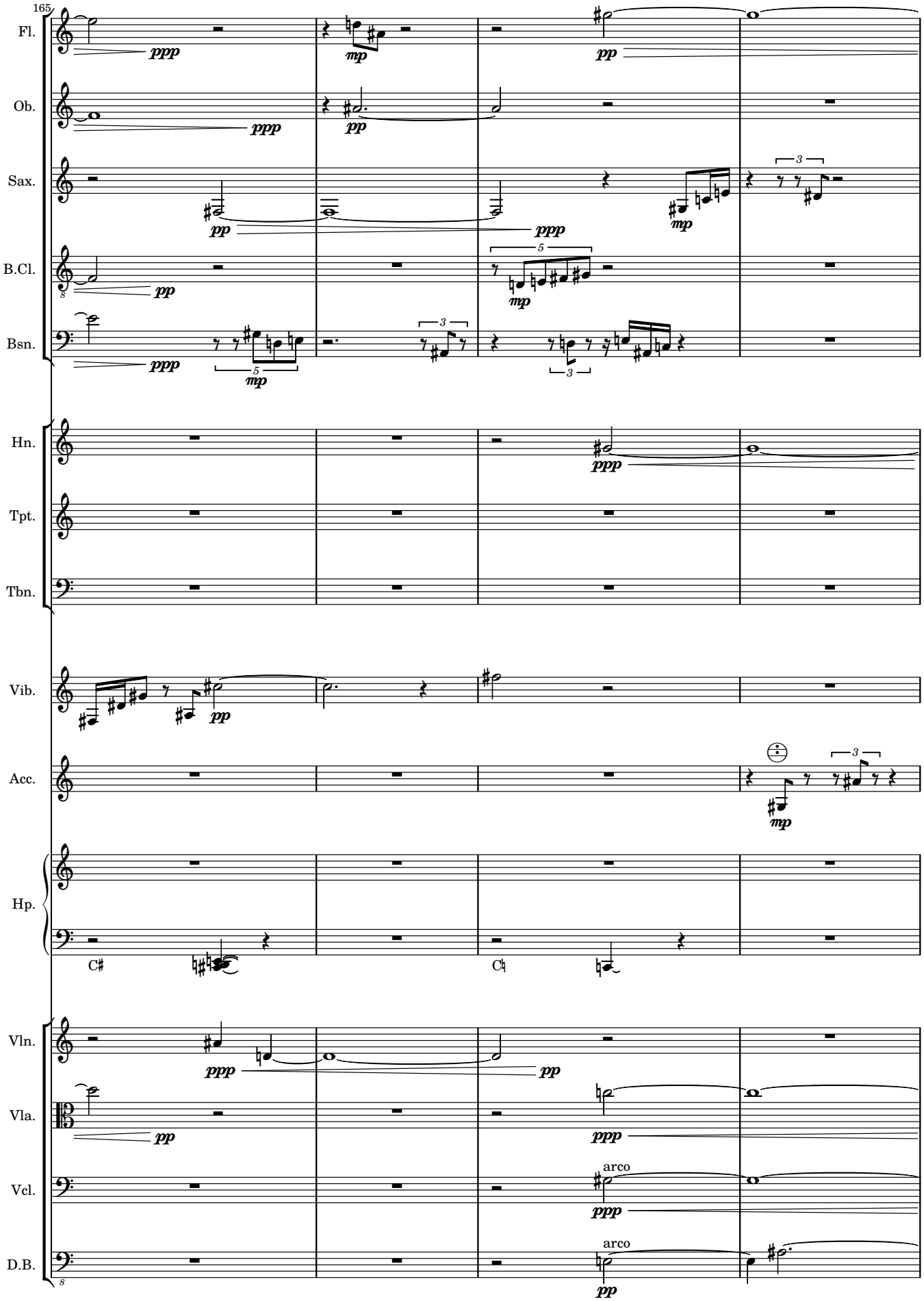
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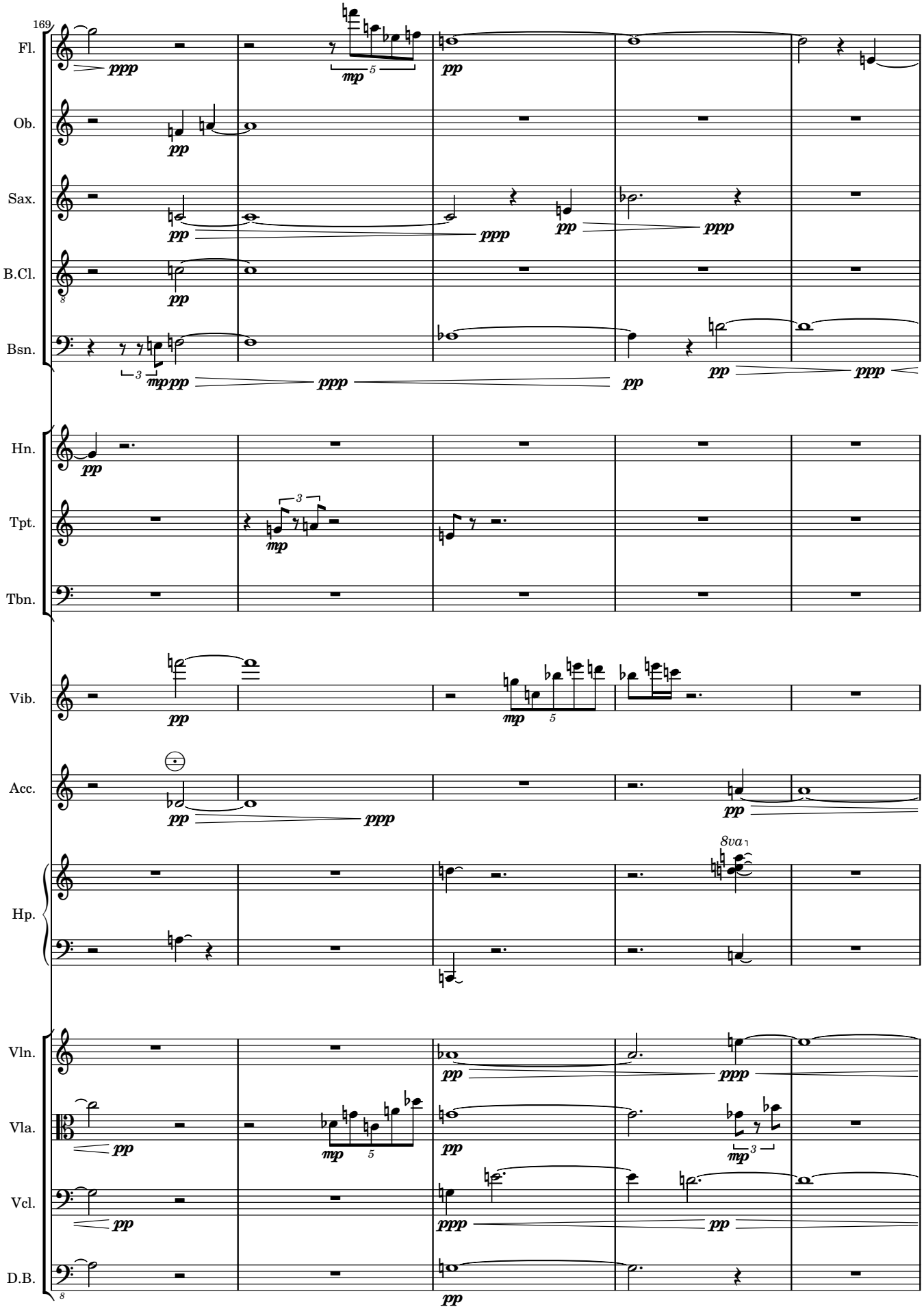
169
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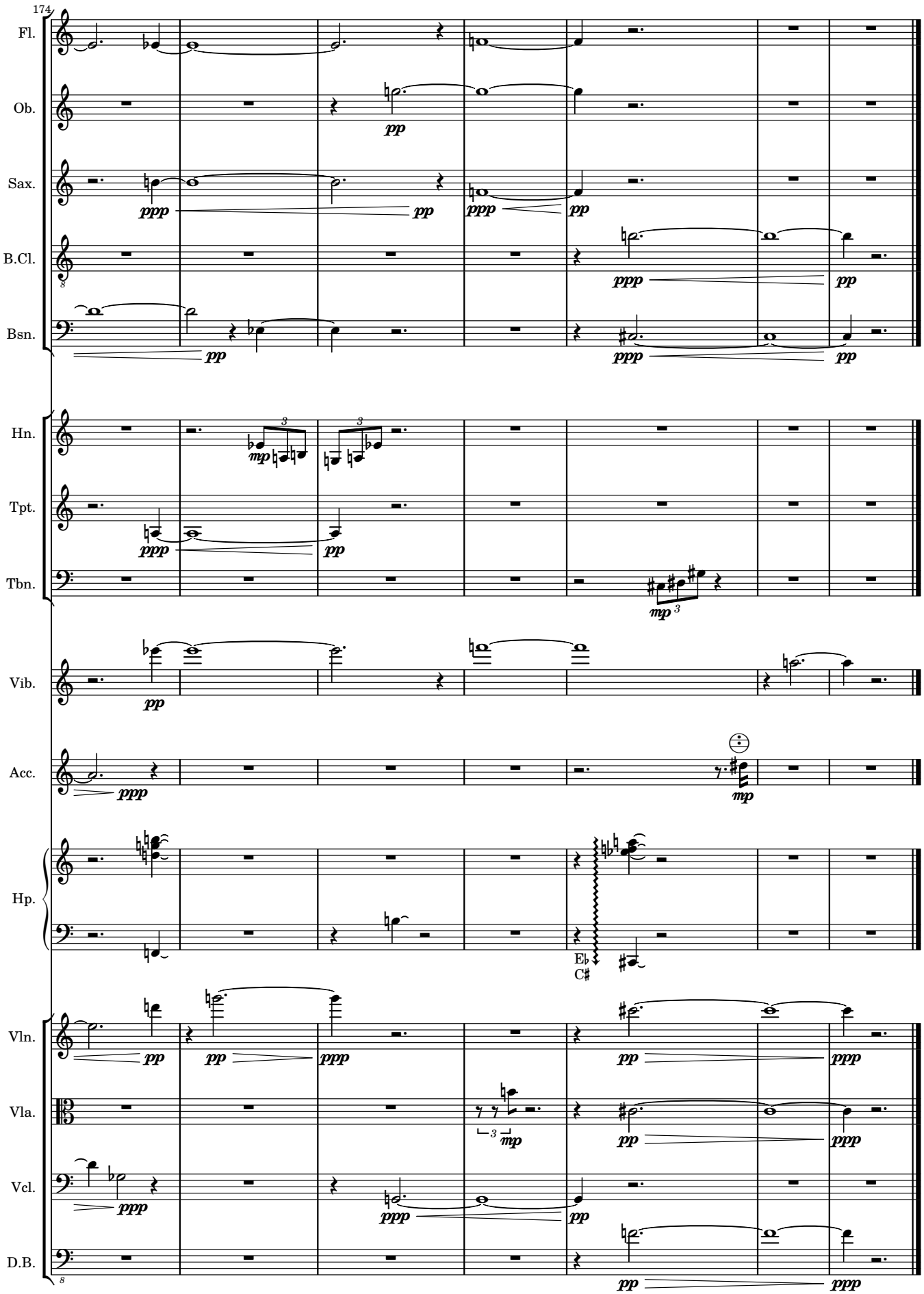
174
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