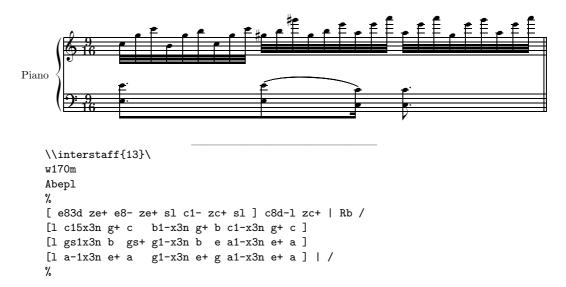
Octaviation Notation

PMX does not provide a notation for octaviation; but native MusiXT_EX does: cf. the MusiXT_EX manual, Sec. 2.11 for details.

Consider, for example, bar 155 of the 2nd movement of Beethovens piana sonata op. 111 :



In most editions, you will find the figures in the right hand in the second and third three beats written in octaviation notation:



which is clearly easier to read. This octaviated version was produced by the following PMX code:

```
\\interstaff{13}\
w170m
Abepl
\\def\octnumber{8$^{va}$}\
%
[ e83d ze+ e8- ze+ sfu c1- zc+ sfu ] c8d-1 zc+ | Rb /
[1 c15x3n g+ c b1-x3n g+ b c1-x3n g+ c ]
\Ioctfinup1d\ [1 g-s1x3n b gs+ g1-x3n b e a1-x3n e+ a ]
[1 a-1x3n e+ a g1-x3n e+ g a1-x3n e+ a ] \toctfin1\ | /
%
```

The octaviation is started with the Type 1 inline T_EX symbol \loctfinup1d\ and ended with \toctfin1\; the transposition downward is, of course, generated in the standard **PMX** way by writing g-s1x3n instead of gs1x3n. By default, MusiXTEX will start the octaviation symbol with a simple 8; this is changed to 8^{va} by the Type 2 inline TEX symbol given in the preamble.

Note: When using this octaviation notation in a score, do not try to produce a MIDI file for that score: it will come out faulty.