

freeHorn (canon) trumpets (II)

(trumpets II begin at around 4'35)

Transposed (trumpet in Bb) score

polansky

Section 1: Build up harmonic series on C

Cents deviation from equal-temperament

+0	+2	+4	-14	-12	-31	-49	+41	+5
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Harmonic number (trumpets play in any octave they like)

1,2,4,8,16	3,6,12	9	5,10	15	7,14	11	13	17
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Sections 2-6: Replace the existing harmonic series by a new one, on a new fundamental, from the top down.

17	13	11	7,14	15	10,5	9	12,6,3	16,8,4,2,1
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Play notes heard, "around" notes heard, with simple sounds, different mutes. Be creative but don't try to stick out too much.

Form (7 sections, each about 1'03" long, new notes enter almost every 4 seconds)

Section 1: Build up harmonic series on C

Then, gradually replace existing harmonic series, from the top down, by harmonic series on fundamentals:

- (section 2) a very wide minor second higher (13:12, or 141 cents)
- (section 3) a small minor third higher (7/6, or 269 cents)
- (section 4) a slightly wide major second higher (27/24, or 208 cents)
- (section 5) a very narrow minor second higher (70 cents)
- (section 6) the original C series

Finally, (section 7) drop out the original C series from the highest harmonic down to the lowest