

# freeHorn (canon) trumpets (I)

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 1'43" long, new notes enter about every 6 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