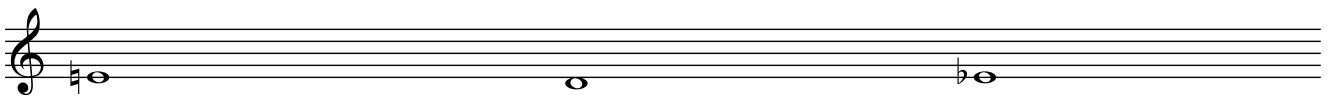


## Cell techniques in Anton Webern's Five Pieces for Orchestra, opus 10 no 1 (1913)

The premiere of Anton Webern's Five Pieces for Orchestra, Op. 10 was on June 22, 1924, over 10 years after its completion, during the fourth festival of the International Society for Contemporary Composers in Zurich. Critics wrote favorable reviews of the work and described Webern as "a true musical poet". Op. 10 brought Webern international fame.

These pieces are the last orchestral works Webern published before his adoption of the 12-tone method; hence Five Pieces for Orchestra, Op. 10 are pieces of "free atonality".

The first piece from Anton Webern's Five Pieces for Orchestra, opus 10 no 1, is from melodic and harmonic point of view based on a small melodic cell, consisting of a succession of a major and minor second interval.



Violin

Example 5: bar 8-9

Violino

Example 6: bar 7

Clarinetto

Example 7: bar 6

Clarinetto

Example 8: bar 2-3

Celesta

Example 9: bar 1-2

Tromba

Celesta

Arpa

Campanelli

Violino

cell

Example 10: bar 9

Clarinetto

Tromba

Trombono

Celesta

Arpa

combination of cells

cell 1 + cell 2

cell 3

Example 11: bar 6

Flauto

Clarinetto

Arpa/Violino/Viola

Celesta

combination of two cells

cell 1

cell 2

Example 12: bar 4

Tromba

Trombone

Celesta

Violino

Violoncello

combination of two cells with G# as common tone

Example 13: bar 7

The C in example 13, played by the violoncello, could be interpreted as an anticipation: tone Bb in the violin completes the (harmonic) cell G#-Bb-C

Flauto

Celesta

Violino

Violoncello

combination of three cells

cell 1

cell 2

cell 3

Example 14: bar 8

Let's investigate the sounds that contains three or more different voices after the opening major seventh. For better readability, the octave of the voices can be changed.

bar 1

bar 4

bar 5

bar 6

bar 7

bar 8

Example 15: all 'chords'

Apart from the fact that all sounds are a verticalization of the basic melodic cell of example 1 (e.g. each sound has at least two adjacent seconds), they all have tones in common. The other tones move stepwise.

**Conclusion:** the organization of melody and of harmony is based on simple rules that can be derived from a simple cell that contains Webern's melodic and harmonic laws.

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**About the author:**

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