

James Tenney

On "crystal growth" in harmonic space

Figure 16 and Figure 20

notated in the 'Extended Helmholtz-Ellis JI Pitch Notation'
devised by Marc Sabat and Wolfgang von Schweinitz

Figure 16 and Figure 20 are represented by three staves of musical notation. The first staff contains notes with ratios $5/3$, $5/4$, $15/8$, and $45/32$ above them. The second staff contains notes with ratios $16/9$, $4/3$, $1/1$, $3/2$, $9/8$, and $27/16$ above them. The third staff contains notes with ratios $16/15$, $8/5$, $6/5$, and $9/5$ above them. The notes are placed on a five-line staff with various accidentals and stems.

14 points 3,5-space

Figure 20 is represented by six staves of musical notation. The first staff contains notes with ratios $10/9$, $5/3$, $5/4$, $15/8$, and $45/32$ above them. The notes are connected by lines to other notes on the same staff and across the other staves, illustrating a complex harmonic structure. The notes are placed on a five-line staff with various accidentals and stems.

41 points in 3,5,7-space