

Fredrik Rasten

Tracing

*for instrument in 12-tone equal temperament
and accompaniment in just intonation*

Instructions and notation

This piece takes some pitches from 12-tone equal temperament and makes them fit into a justly intonated harmonic framework by adjusting the surrounding harmonic structure or “accompaniment”. The resulting harmonies are in 3-, 5-, 7-, 11-, or 17-limit just intonation.

The music should unfold in a slow metric rhythm, not too loud, not too soft, but resonant and clear.

Notation of first voice (instrument in 12-tone equal temperament):

Notes are notated in 12-tone equal temperament

Accidentals apply only to individual notes and notes that are tied over.

The performer is free to add any 1 or 2 octaves above or below any notated note, occasionally or throughout.

Notation of second voice (accompaniment in just intonation):

Accidentals belong to the Helmholtz-Ellis JI Pitch Notation (HEJI)

https://marsbat.space/pdfs/HEJI2_legend+series.pdf

Cent deviations from 12 tone equal temperament are written in connection to each note.

The tones and cent deviations are relating (through just intonation relationships) to the tone(s) in 12 tone equal temperament sounded at any given time.

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♩ = 40-50

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Chord diagrams and labels: $B-2$, $E-4$, $Gb-1$, $B-3$, $E-5$, $+35$, $+16$, $+33$, $+14$, $+31$, $+12$

Chord diagrams and labels: $+18$, $+16$, $+14$, $+2$, -2 , -4 , $B-47$, $E-49$, A_b+49

Chord diagrams and labels: $+18$, $+16$, $+14$, $+12$, $E-47$, $A-49$, D_b+49 , $+16$, $+14$, $+12$, $+18$, $+16$, $+33$, $E-47$, $A-49$, D_b+49

Chord diagrams and labels: $+16$, $+14$, $+12$, $+4$, $+2$, -1 , -3 , -2 , -5 , -4

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