Dynamic Tuning for Extended Just Intonation

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Abstract

Your abstract.

1 Introduction

Kirck defined a two-dimensional pitch-class space [Kirck(1987)] to map Ben Johnston's notation [Johnston(1977)] to just intervals. Sabat proposed Micromælodeon as a microtuning algorithm using Tenney's Harmonic Distance and a lookup table with 3997 intervals [Sabat(2008)]. Stange at al. did a great analysis on previous dynamically adaptive tuning systems which used logical operations and proposed instead a mathematical system of linear equations [Stange et al.(2017)]. Trueman et al. studied how a playful interface called bitKlavier could be used to implement adaptive tunings [Trueman et al.(2020)].

References

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