Music Composition using Algorithms

Brae Stoltz [1]

Music composition using algorithms dates back to the mid-eighteenth century and the early days of computing. With the vast increase in computational power since then, progress has been made in this field, especially with the recent developments in artificial intelligence, particularly evolutionary algorithms and neural networks. Despite this progress, datasets are sparse and systems are rooted in speculative musicological analysis. In this talk, we will discuss a new approach of developing genetic algorithms for music composition that utilizes principles from music-psychology.

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[1] Department of Computer Science, University of Northern British Columbia, Prince George, BC, V2N4Z9, Canada (stoltz@unbc.ca).