

AQC0578

Nanopublication — Ideamorphic Translation — Bebop Harmonic Complexity → Geometric Interlocking

by Arnaud Quercy · BIRD (Charlie Parker) · 2024



ARTISTIC METHODOLOGY FIRST PERSON INTERPRETIVE
INTENTION TRANSLITERATION PRACTICE HIGH

Claim 1: Ideamorphic Translation — Bebop Harmonic Complexity → Geometric Interlocking

I translated bebop's harmonic architecture—intertwined cadences, deceptive resolutions, tritone substitutions in II-V-I progressions—into interlocking geometric planes. Bebop's elaborated, energetic style becomes spatial complexity: demanding engagement, rewarding navigation. The [5] sculpture encodes what bebop does: sophisticated harmonic structure rendered through virtuosic elaboration.

CONTEXT

Bebop emerged in the 1940s through musicians like Charlie [3] Parker and Dizzy Gillespie, characterized by chromatic harmonies, rapid chord changes, and advanced improvisational techniques [3][4]. Parker and his contemporaries revolutionized jazz by incorporating tritone substitutions in ii-V-I progressions, deceptive resolutions, and intertwined harmonic cadences that created sophisticated yet coherent musical discourse [6][7][8].

I translated this harmonic architecture directly into spatial form. The tritone substitution—where a dominant seventh chord is replaced by another a tritone away while maintaining voice-leading coherence—becomes interlocking planes that share structural elements yet introduce spatial tension [6]. Deceptive resolutions, where the expected harmonic goal shifts to an unexpected chord, manifest as geometric elements that redirect visual navigation [5]. The

intertwined cadences of bebop, with their overlapping ii-V chains descending chromatically, become the nested, interdependent planes visible in the sculpture.

The sculpture demands active engagement—just as bebop requires the listener to navigate complex harmonic relationships to perceive the underlying structure. What Parker achieved in temporal harmonic space, I attempt in spatial geometric form: elaboration that rewards attention, complexity that resolves into coherence, virtuosic energy contained within rigorous architecture.

This work operates within the ideamorphic framework—induced diffraction through systematic transliteration [2]. The bebop complexity is not merely referenced or illustrated; it is structurally encoded. The geometric relationships are not arbitrary abstractions but direct translations of harmonic relationships. The piece functions as a game for apertures: viewers must navigate the spatial complexity to discover the coherent discourse, just as listeners navigate bebop's harmonic density to perceive its underlying logic.

REFERENCES

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