

Straus Chapter 5 *Centricity & Referential Pitch Collections*

Joseph N. Straus, *Introduction to Post-Tonal Theory*, 4th ed. (New York: Norton.), pp. 228-263.

“There is no absolute boundary between traditional tonality and post-tonal centricity. Rather, we find a range of centric effects, from music in which centricity plays no significant role, through music in which the sense of centricity is vague or contested, to music that is vividly organized with respect to one or more centric tones.”

“Composers of post-tonal music often use certain large sets as sources of pitch material. By drawing all or most of the smaller sets from a single large referential set, composers can unify entire sections of music. By changing the large referential set, the composer can create a sense of large-scale movement from one harmonic area to another.”

– Joseph N. Straus, *Introduction to Post-Tonal Theory*

TERMS & CONCEPTS

<p>TONALITY & CENTRICITY (§ 5.1, p. 228) Traditional tonality Post-tonal centricity Centric tones Competing tone centers Range of centric effects</p> <p>INVERSIONAL AXIS (§ 5.2, p. 232) See also: Inversional symmetry (§ 3.4, p. 107)</p> <p>Pitch space Pitch axis Symmetrical balance around the axis Inversional wedges: - Expanding - Contracting</p> <p>Pitch-class space The 12 axes of pc inversion (p. 240) - Axis of symmetry, or mirror - SUM n of I_n - Inversional partners - Poles of the axis at $\frac{n}{2}$, and $\frac{n}{2} + 6$</p> <p>Motion from axis to axis</p>	<p>REFERENTIAL PITCH COLLECTIONS (§ 5.3-5.6, p. 244)</p> <p>Diatonic (DIA): 7-35 (013568T) Diatonic modes Non-functional diatonicism Static harmony</p> <p>Octatonic (OCT): 8-28 (0134679T) Scalar orderings: 1–2 & 2–1</p> <p>Whole-tone (WT): 6-35 (02468T) Inclusion lattice (p. 253)</p> <p>Hexatonic (HEX): 6-20 (014589) Scalar orderings: 1–3 & 3–1 Inclusion lattice (p. 122)</p> <p>COLLECTIONAL INTERACTION (§ 5.7, p. 260) Points of intersection between collections Shifting between collections Octatonic-diatonic interaction Static polarity and competing centers</p> <p>Embellishing tone (non-scale tone)</p>
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PITCH-CLASS DISTINCT COLLECTIONS

<p>Diatonic DIA₀ or DIA₆ DIA₁, DIA₂, DIA₃, etc. DIA₁, DIA₂, DIA₃, etc.</p>	<p>Whole-tone WT₀ [0, 2, 4, 6, 8, 10] WT₁ [1, 3, 5, 7, 9, 11]</p>	<p>Octatonic OCT_{0,1} [0, 1, 3, 4, 6, 7, 9, 10] OCT_{1,2} [1, 2, 4, 5, 7, 8, 10, 11] OCT_{2,3} [2, 3, 5, 6, 8, 9, 11, 0]</p>
<p>Pentatonic ..., PENT_F, PENT_C, PENT_G...</p>	<p>Hexatonic HEX_{0,1} [0, 1, 4, 5, 8, 9] HEX_{1,2} [1, 2, 5, 6, 9, 10] HEX_{2,3} [2, 3, 6, 7, 10, 11] HEX_{3,4} [3, 4, 7, 8, 11, 0]</p>	