

Compositional and Analytic Applications of Automated Music Notation via Object-oriented Programming: Compositional Applications

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Doctoral Dissertation Defense (June 3, 2013)



Introduction



Mobiles — Graphic Expressions of Indeterminate Systems

- *Binary Experiment for James Tenney* (2005)
- *Mobile for Tenor Saxophone* (2005)
- *Mexican Apple Soda Paraphrase* (2007)



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- Circumstance-specific Notations

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Fluxkonzerts/Hammer Museum Duos

- Fluxus at UCSD
- 10 concerts in formerly abandoned spaces, 2009-1010
- 4 Duos for the Hammer Museum, 2010



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Algorithmically Generated Trees

- Cartoon Tree as Parametric Object
- Audience Participation



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Blooms — Looping Visual Music

- Visual Music at UCSD
 - Bloom 1
 - Bloom 2
 - Bloom 3



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- Rondo Alternating Between Solos and Duos.
- Text-painting as relationship between Notation and Recording.



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- Formal disposition.
- Flexibility of output.



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The World All Around

- Tribute.
- Construction.
- Refinement.



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- Continuity.

- Parametricism.
- Change of Object Attributes Governs Development of Materials.

- Difference.

- Indeterminacy Relocated into Code.
- Simpler Formal and Notational Ideas.
- Less Contrast.

- Evaluation.

- Program as a Primary Evaluative Criterion.
- Pragmatic Concerns.



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