

David Cope:
From Emmy to Emily Howell

PART 2 OF 2

Emmy and Specific Musical Genres

- Palestrina
- Bach chorales
- Beethoven piano sonatas
- Beethoven symphony
- Mozart divertimenti
- Mozart and Mahler “operas”
- Mozart in Bali
- Chopin mazurkas
- Joplin rags
- Prokofiev, Rachmaninoff

Some no longer available.
Many found in mp3 and mp4 files.
Also in youtube videos.

Sample Emmy compositions

David Cope's legacy site for Experiments in Musical Intelligence is here:

<http://artsites.ucsc.edu/faculty/cope/5000.html> [no longer operative]

More recent works are on the **second page**, but some of the links are not currently operative (2020). Nonetheless, it gives a decent overview of the scope of Emmy, Emily Howell, and Cope's own *oeuvre*.

See also: <https://youtu.be/yFImmDsNGdE> (2015)

<https://youtu.be/f4NUrB7ZNRk> (2018)

Emmy: Opera in styles of Mozart and Mahler

Mozart: Act IV, Sc. 1 (Randal Wong, Mary Jane Cope)

<https://www.youtube.com/watch?v=QNVPWPpd58A>

Emmy: Chopin Mazurkas

Mazurka Op. 1, No. 2 (Mary Jane Cope)

<https://www.youtube.com/watch?v=wk-Zmqs4avE>

Emmy: Joplin Rags

Rag No, 2: <https://www.youtube.com/watch?v=ov3fOGryoHM>

For more, see

<http://artsites.ucsc.edu/faculty/cope/index.html>

Emmy criticism

Ryan Blitstein (McLean's; Pacific Standard):

<https://psmag.com/social-justice/triumph-of-the-cyborg-composer-8507>

Emily Howell

A VIRTUAL COMPOSER

Computer Models of Musical Creativity

Initiates process of **signature capture from interactive** user responses

Builds **its own lexicons** from virtual experience

Models **broader processes** of grammatically-founded processes including

- Speech
- Poetry
- Lyrics

From Darkness, Light (2007):

<https://www.youtube.com/channel/UCJVYSZHAO2cxKIMivfV0xkQ>

Hidden Structure

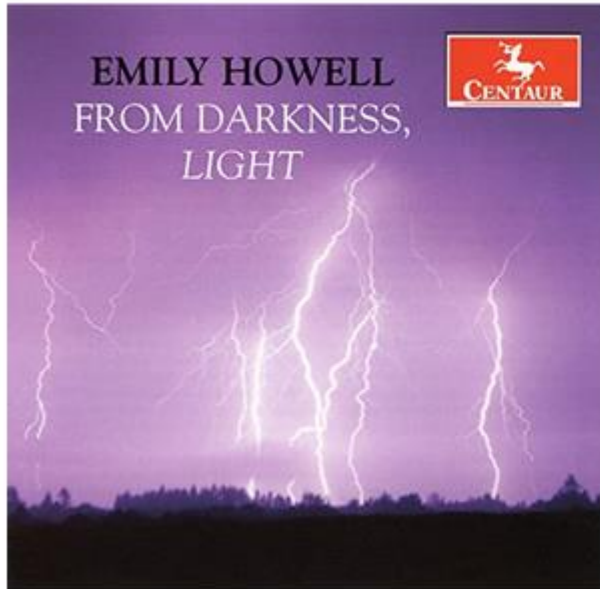
Takes comprehensive view of 20th-century analytical concepts

Makes them available for compositional algorithms

- Post-tonal music
- Generative algorithms

No allegiance to any specific style of composition

Emily Howell at Amazon



Emily Howell: From Darkness, Light

Mary Jane Cope

September 7, 2010

★★★★☆ ∨ 4 ratings

\$7.01

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Vacuum Genesis (Cope)

Developing a new piece from a single sound

Example here:

<http://esf.ccarh.org/cope-audio/csscd54235/csscd54235-20.mp4>

Parallels text-generation
Program by Cope

Emmy off Broadway

Between Emmy and Emily Howell

Experiments with show music and lyrics

See examples

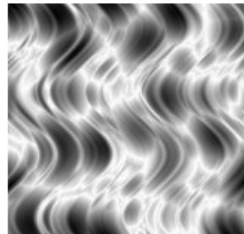
Pieces by Emily Howell

From Darkness, Light

Land of Stone

Shadow Worlds

<http://www.centaurrecords.com/>



Variations on a Theme by Emily Howell by David Cope (Apr 9, 2013)

\$3.96 MP3 Music

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Fugues by Emmy and Emily Howell

Invention No. 3: <https://www.youtube.com/watch?v=j7h81Cfly3o>

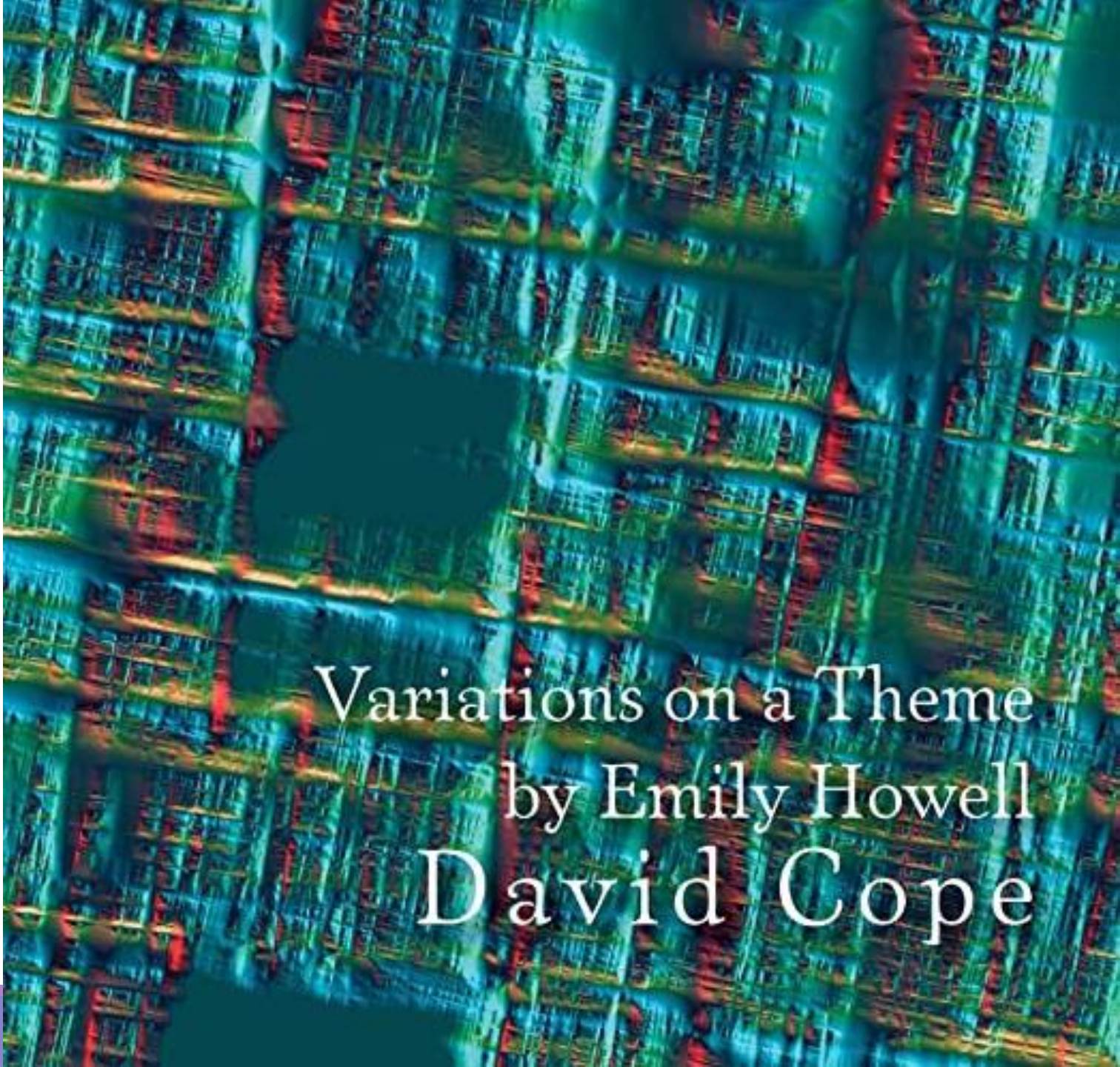
(Mary Jane Cope)

From Darkness, Light, II: Fugue https://www.youtube.com/watch?v=wd_bslDih0

(Erika Arul)

...and inevitably

Variations on a theme by
Emily Howell



Variations on a Theme
by Emily Howell
David Cope

AI and Musical Creation/Generation

A symposium sponsored by CCARH
in 1997

Videos at [Indiana University website](#)



Computers and Creativity

Series of symposia sponsored by CCARH at Stanford (1997)

Moderated by Doug Hofstadter (*Gödel, Escher, Bach*, 1984)

Centerpiece was musical creativity as demonstrated by Emmy

Other spheres: literature, humor, chess et al.

Hofstadter: computers cannot inject feelings, personal traits into music

Cope: feelings come from human performers

Emmy: Rachmaninoff Suite for Two Pianos (1997)

<https://www.youtube.com/watch?v=KHnZFAJQ9gI>

From the series Computers and Creativity (CCARH/SU).

Steve Larson plays an EMI invention:

<https://www.youtube.com/watch?v=N5KpihI428M>