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/yFlmmDsNGdE (2015)
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):

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

$7.01
Get a special offer and listen to over 60 million songs, anywhere with Amazon Music Unlimited. Get a special offer and listen to over 60 million songs, anywhere with Amazon Music Unlimited. Renews automatically. New subscribers only. Limited time offer. Terms apply.
Vacuum Genesis (Cope)

Developing a new piece from a single sound

Example here:

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

Latest release:
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
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=KHnZFAJQ9gl

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

Steve Larson plays an EMI invention:
https://www.youtube.com/watch?v=N5KpihI428M