

“Variations on a Theme by a Rogue A.I.: Music, Gameplay, and Storytelling in Portal 2” (Part 2 of 2)”

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This file includes the abstract, and extensive keyword list, acknowledgements, and bibliography for the video essay, “The Influence of Clara Schumann’s Lieder on Declamation in Robert Schumann’s Late Songs,” by Harald Krebs with Sharon Krebs, *SMT-V* 2.1 (2016). This essay may be found at <https://vimeo.com/societymusictheory/videocast23reale>.

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Abstract for “Variations on a Theme by a Rogue A.I.: Music, Gameplay, and Storytelling in Portal 2” (Part 2 of 2),” *SMT-V 2.2* (2016).

This is the second part of a two-video series that explores how the scoring to the video game Portal 2, published by Valve Corporation, not only helps tell the game’s story, but also comments on the game developers’ philosophy of puzzle design. The first video explores how the game’s title theme 9999999, including its texture, voice leadings, and chord qualities, musically enacts dual aspects of the character of the game’s central antagonist GlaDOS: once human, her personality was uploaded into a computer mainframe where she has become a sociopathic, homicidal artificial intelligence who takes delight in subjecting humans to hazardous scientific experimentation. The second video demonstrates that 9999999 serves as the theme for a set of double variations in the game’s middle act. Since Valve’s philosophy of player training centers on iterative puzzle-design that systematically increase in complexity, and the musical accompaniments for these puzzles feature coordinated developments in musical complexity, the scoring here lets us parse the puzzle design into a kind of set of gameplay theme-and-variations.

Keyword List

Video game music, Portal, theme and variation, Mike Morasky, dualism, voice leading, gameplay, triadic transformation

Links:

9999999 transcription by Steven Reale:

<https://societymusictheory.org/files/smtv/9999999.pdf>

9999999 audio:

<https://societymusictheory.org/files/smtv/9999999.mp3>

Vertigo audio: <https://societymusictheory.org/files/smtv/vertigotheme.mp3>

Bibliography

Cohn, Richard. 2012. *Audacious Euphony: Chromaticism and the Triad's Second Nature*. New York: Oxford University Press.

Harrison, Daniel. 1994. *Harmonic Function in Chromatic Music: A Renewed Dualist Theory and Account of its Precedents*. Chicago: The University of Chicago Press.

Morasky, Mike. *Music in Valve Games and Media*, Youtube video, 52:05, posted by "Steamworks Development," February 11, 2014, https://www.youtube.com/watch?v=0B_liqTMaeY.

Stein, Leonard, ed. 1975. *Style and Idea: Selected Writings of Arnold Schoenberg*. New York: St. Martins Press.

Valve Corporation. 2007. *Portal*. [PC], Bellevue, WA, USA, played March 29, 2015.

Valve Corporation. 2011. *Portal 2*. [PC], Bellevue, WA, USA, played March 29, 2015.

Valve Corporation. 2012. *Songs to Test By: Portal 2 Original Soundtrack*. Ipecac Recordings B009DJB8I2. Audio CD.