

2020

Full Bloom: Diegetic UI for musical phrases in virtual reality

Peter Armstrong

Rochester Institute of Technology

Elliot Cole

Peter Ferry

Joe Geigel

Rochester Institute of Technology

Susan Lakin

Rochester Institute of Technology

See next page for additional authors

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Recommended Citation

Armstrong, Peter; Cole, Elliot; Ferry, Peter; Geigel, Joe; Lakin, Susan; Swientonioski, Richard; Talis, Zachary; and Thomas, Jennie (2020) "Full Bloom: Diegetic UI for musical phrases in virtual reality," *Frameless*: Vol. 3 : Iss. 1 , Article 25.

Available at: <https://scholarworks.rit.edu/frameless/vol3/iss1/25>

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Full Bloom: Diegetic UI for musical phrases in virtual reality

Authors

Peter Armstrong, Elliot Cole, Peter Ferry, Joe Geigel, Susan Lakin, Richard Swientonioski, Zachary Talis, and Jennie Thomas

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Peter Armstrong*
Rochester Institute of Technology

Elliot Cole

Peter Ferry

Joe Geigel
Rochester Institute of Technology

Susan Lakin
Rochester Institute of Technology

Richard Swientonioski
Rochester Institute of Technology

Zachary Talis
Rochester Institute of Technology

Jenny Thomas
Rochester Institute of Technology

Abstract: *We propose a novel system for communicating musical note pitch and sequence information to users within a virtual reality environment. Our approach utilizes ‘Blooms,’ objects that resemble flowers with various petal arrangements. These formations, when constructed in view of users, act as diegetic, user-parsable encodings of their inputs. Blooms exist within the virtual space as simulated physics objects that collectively serve the role of a user interface..*

Keywords: *music, musicality, audio, sound, user interface, diegetic user interface, UI, user intent, input encoding, virtual reality, VR*

* Peter Armstrong
Submitted November 30, 2020
Accepted June 21, 2021
Published online July 15, 2021

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Yes. The link to the video was particularly helpful.

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