

Converting algebra lessons that emphasize movement into online lessons using a simulation

PROCEEDING

Terri L. Kurz, David Meltzer, Mi Yeon Lee, Pamela Harris, Arizona State University, United States

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Abstract

In order to develop an interactive mathematics content module within a content course, funding was received from NSF to create an innovative curriculum for preservice K-8 teachers. Due to the Corona-Virus Disease 2019 (COVID-19) pandemic, significant changes in delivery of curriculum were needed. Lessons scheduled to be taught in classrooms through interactive group activities had to be quickly converted to socially distanced, independent online lessons. In this presentation, we outline our learning trajectories in creating virtual lessons in mathematics that emphasize movement and motion.

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