

CRMSE Colloquium

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Exemplification in Multilingual Teacher Education Contexts

Friday April 28, 2023

12:00noon to 1:00pm PDT

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Examples that teachers choose and use are fundamental to what mathematics is taught and learned, and what opportunities for learning are created in mathematics classrooms. In this presentation, I bring together three frameworks which have been used separately in mathematics education research – variation theory, meaning making as a dialogic process framework, and the notion of interacting/multifarious facets/dimensions within teacher education. The emergent framework consists of a triadic approach to understanding exemplifying practices within teacher education, and in particular, within multilingual teacher education classrooms. Lesson transcript data from an introductory class in probability in one teacher education multilingual classroom is used to illustrate how working with the amalgamated framework conduces to a powerful way of examining the choice and use of examples in mathematics teacher education multilingual classrooms, and how the three frameworks work together to attend to three critical layers involved in the complexity of teaching and learning in mathematics teacher education multilingual classrooms.

Zoom link:

<https://SDSU.zoom.us/j/88113677162>

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