Central Michigan University

Department of Mathematics

Graduate Student Seminar

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The Effects of Dynamic Linking on Students Learning and Engagement in a Business Calculus Course

Tuesday, April 14, 4:00 pm - 5:00 pm
Pearce Hall, Room 227

This presentation will be about the pilot study I am conducting this semester studying effects of dynamic linking of mathematical representations on students ability to learn concepts and problem solving skills as well as focus on the material being taught. Quantitative data was collected from participants learning about limits in two sections of business calculus. One class received instruction using dynamic linking software (GeoGebra) while the other class received instruction without the use of this technology. Those from the enhanced lesson also were asked to take a survey and participate in interviews. Analysis of this data is ongoing, and I intend to discuss a few of the major findings that have emerged so far.

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