



Instituto Universitario de Investigación
de Matemáticas
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Universidad Zaragoza



Departamento de
Matemáticas
Universidad Zaragoza

Seminario de Didáctica de las Matemáticas

Conferencia

por

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título:

“Enhancing Conceptual Understanding in Mathematics through Automatically Generated and Evaluated Examples”

Abstract

The presentation explores the use of digital technologies and example generation tasks in mathematics education to assess conceptual understanding. The research involved two groups, Italian biotechnology and Swedish engineering students, engaged in computer-aided assessment activities. Responses were analyzed to evaluate task design effectiveness and highlight how educational and cultural contexts influence learning strategies. The results suggest several principles that could be considered when designing activities involving example generation within an automatic assessment system.

Fecha: Jueves, 12 de junio de 2025

Hora: 11:00 horas.

Lugar: Facultad de Educación. Aula 1.06