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STUDENTS' VIEW ON THE USE OF TECHNOLOGY: A COMPARISON STUDY BETWEEN TWO PRIVATE MIDDLE EASTERN AND NORTH AMERICAN UNIVERSITIES

Abstract:

Most universities in the Middle East and North America are relying on implementing various technological tools in the math curriculum. This research is a unique attempt that compares students attitudes towards technology use in math classes in two private universities, Middle Eastern and North American. The Acceptance Technology Model (TAM) has been widely used by researchers to test user's acceptance of technology. In this study, we integrate TAM and user satisfaction. A sample of 400 students participated in this study that test students' acceptance of MathXL as a technological tool in their math classes. Structural equation melding which included various constructs was used based on the integration of TAM and user satisfaction. In the two groups of students, the results support the theoretical model showing the importance of user satisfaction on perceived ease of use and subjective norm on behavioral intention.

Keywords:

TAM, Technology, Math