

ZMATH 2007d.00163

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Examining students' reluctance to use graphs.

Math. Teach. (Reston) 98, No. 2, 110-117 (2004).

Summary: An evaluation designed to test basic graphical-thinking skills to students entering calculus or applied calculus at American University was given to use the assessment to discover the underlying causes for student's inability to use graphs effectively. The study indicates that graphical representation is not emphasized properly in the curriculum and students need to be trained in visual thinking with an increased attention to graphs to create an interest in new students. (ERIC)

Classification: D65

Keywords: graphical-thinking skills; achievement measurement; first-year students; student attitudes; student evaluation