

A STUDY ON THE TEACHING METHODS IN DETERMINANTS

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ABSTRACT

This research was conducted with the participation of 82 engineering students. Students were asked to find the determinant values of the matrices given in concrete and abstract form. The results were evaluated on the basis of the answers given by the students to the questions. The methods students preferred when answering questions were investigated. In addition, the rates of success were determined according to question types. The study was a qualitative in nature. The obtained data were analysed by the researchers. It has been seen that engineering students are more successful in concrete examples than abstract examples. The fact that the matrices are given in an abstract and concrete form has caused the students to use different approaches. Considering these results, it was determined what should be taken into consideration while teaching determinants. Findings and results will be shared detailed in the presentation.

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