



Students' Understanding of Solving a System of Linear Equations Using Matrix Methods: A Case Study

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ABSTRACT This paper focused on the written work of two students to questions based on the solution of a system of linear equations using matrix methods. The objective was to gauge the possible level of mathematical understanding of the students by using a framework that was arrived at. That framework was used to analyse the level of mathematical understanding of those students' written responses to the questions, with the focus on their use of symbolic language. It was found that the framework enabled the researcher to get a deeper insight into those students use of the symbolic language, used both in an instrumental role and also as a communicative function.