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Don Spickler* (despickler@salisbury.edu), Salisbury University, 1101 Camden Ave., Salisbury, MD 21801. *The Linear Package and its Integration into an Undergraduate Linear Algebra Course.*

Linear is a Java application designed and written as a collaborative project between the students and faculty at Salisbury University. It was designed to be both a learning and exploration tool for the student as well as a demonstration tool for in-class examples and discussions. Linear has many standard facilities for matrix manipulations and calculations and some specialized facilities for concept visualization. In this talk we will demonstrate some of its capabilities and discuss its integration into an undergraduate Linear Algebra course. Linear can be found on my website at <http://faculty.salisbury.edu/~despickler/personal/Linear.html>. (Received September 15, 2008)