



Linear Algebra For Dummies

By Mary Jane Sterling

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- **Line up the basics** — discover several different approaches to organizing numbers and equations, and solve systems of equations algebraically or with matrices
- **Relate vectors and linear transformations** — link vectors and matrices with linear combinations and seek solutions of homogeneous systems
- **Evaluate determinants** — see how to perform the determinant function on different sizes of matrices and take advantage of Cramer's rule
- **Hone your skills with vector spaces** — determine the properties of vector spaces and their subspaces and see linear transformation in action
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- **Ten common mathematical representations of Greek letters**
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Editorial Review

About the Author

Mary Jane Sterling is the author of numerous *For Dummies* books. She is a lecturer at Bradley University in Peoria, Illinois, where she has taught courses in algebra, calculus, and other mathematics topics for almost 30 years.

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