

CHAPTER OVERVIEW

4: Numerical Linear Algebra

Much of scientific programming involves handling numerical linear algebra. This is because a huge number of numerical problems which occur in science can be reduced to linear algebra problems. It is very important to know how to formulate these linear algebra problems, and how to solve them numerically.

[4.1: Array Representations of Vectors, Matrices, and Tensors](#)

[4.2: Linear Equations](#)

[4.3: Exercises](#)

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