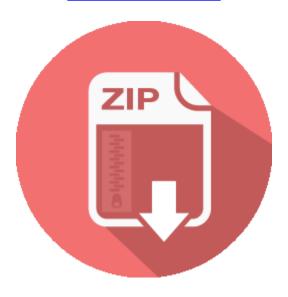# NUMPY BOOK

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Data structures. The basic data structure used by SciPy is a multidimensional array provided by the NumPy module. NumPy provides some functions for linear algebra, Fourier transforms, and random number generation, but not with the generality of the equivalent functions in SciPy.NumPy can also be used as an efficient multidimensional container of data with arbitrary datatypes.

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