



# Numpy Essentials

By Leon Chin, Tanmay Dutta

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 Book Condition: New. 235 x 190 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Boost your scientific and analytic capabilities in no time at all by discovering how to build real-world applications with NumPy About This Book \* Optimize your Python scripts with powerful NumPy modules \* Explore the vast opportunities to build outstanding scientific/ analytical modules by yourself \* Packed with rich examples to help you master NumPy arrays and universal functions Who This Book Is For If you are an experienced Python developer who intends to drive your numerical and scientific applications with NumPy, this book is for you. Prior experience or knowledge of working with the Python language is required. What You Will Learn \* Manipulate the key attributes and universal functions of NumPy \* Utilize matrix and mathematical computation using linear algebra modules \* Implement regression and curve fitting for models \* Perform time frequency / spectral density analysis using the Fourier Transform modules \* Collate with the distutils and setuptools modules used by other Python libraries \* Establish Cython with NumPy arrays \* Write extension modules for NumPy code using the C API \*...



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