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Autore	Idris Ivan
Titolo	NumPy beginner's guide [[electronic resource]] : an action-packed guide for the easy-to-use, high performance, Python based free open source NumPy mathematical library using real-world examples / / Ivan Idris
Pubbl/distr/stampa	Birmingham, England, : Packt Publishing, c2013
ISBN	1-78216-609-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (310 p.)
Disciplina	005.13
Soggetti	Programming languages (Electronic computers) Python (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index. "Learn by doing : less theory, more results"--Cover.
Nota di contenuto	NumPy quick start -- Beginning with NumPy fundamentals -- Get in terms with commonly used functions -- Convenience functions for your convenience -- Working with matrices and ufuncs -- Move further with NumPy modules -- Peeking into special routines -- Assure quality with testing -- Plotting with Matplotlib -- When NumPy is not enough - SciPy and beyond -- Playing with Pygame.
Sommario/riassunto	The book is written in beginner's guide style with each aspect of NumPy demonstrated with real world examples and required screenshots. If you are a programmer, scientist, or engineer who has basic Python knowledge and would like to be able to do numerical computations with Python, this book is for you. No prior knowledge of NumPy is required.