

1. Record Nr.	UNINA9910786717303321
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Titolo	Computational methods for physics / / Joel Franklin, Reed College [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-06571-2 1-316-09040-X 1-107-05714-0 1-107-25578-3 1-139-52539-5 1-107-05840-6 1-107-05962-3 1-107-05605-5
Descrizione fisica	1 online resource (xvii, 400 pages) : digital, PDF file(s)
Disciplina	530.15
Soggetti	Mathematical physics Physics - Data processing Numerical analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 01 Feb 2016).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Programming overview; 2. Ordinary differential equations; 3. Root-finding; 4. Partial differential equations; 5. Time dependent problems; 6. Integration; 7. Fourier transform; 8. Harmonic oscillators; 9. Matrix inversion; 10. The eigenvalue problem; 11. Iterative methods; 12. Minimization; 13. Chaos; 14. Neural networks; 15. Galerkin methods; References; Index.
Sommario/riassunto	There is an increasing need for undergraduate students in physics to have a core set of computational tools. Most problems in physics benefit from numerical methods, and many of them resist analytical solution altogether. This textbook presents numerical techniques for solving familiar physical problems where a complete solution is inaccessible using traditional mathematical methods. The numerical techniques for solving the problems are clearly laid out, with a focus on

the logic and applicability of the method. The same problems are revisited multiple times using different numerical techniques, so readers can easily compare the methods. The book features over 250 end-of-chapter exercises. A website hosted by the author features a complete set of programs used to generate the examples and figures, which can be used as a starting point for further investigation. A link to this can be found at [www.cambridge.org/9781107034303](http://www.cambridge.org/9781107034303).

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