**BOOKS ABOUT WAVES**

Non-Fiction

1. [Seeds of Science Light and Energy Teacher’s Guide](http://www.scienceandliteracy.org/units/le)
2. [The Wave Watcher's Companion: From Ocean Waves to Light Waves via Shock Waves, Stadium Waves, and All the Rest of Life's Undulations Fiction](http://www.amazon.com/gp/product/0399534261/ref%3Das_li_ss_tl/?ie=UTF8&tag=kenperrott&linkCode=as2&camp=217145&creative=399369&creativeASIN=0399534261) by [Gavin Pretor-Pinney](http://en.wikipedia.org/wiki/Gavin_Pretor-Pinney)
	1. [Book Review](http://openparachute.wordpress.com/2011/11/18/royal-societys-science-book-of-year-winton-prize-winner/)
3. [The Wave: In Pursuit of the Rogues, Freaks, and Giants of the Ocean (Hardcover)](http://www.goodreads.com/book/show/7997104-the-wave)
by [Susan Casey](http://www.goodreads.com/author/show/7101.Susan_Casey)
4. [Semilinear Schrdinger Equations (Paperback)](http://www.goodreads.com/book/show/3023993-semilinear-schrdinger-equations)
by [Thierry Cazenave](http://www.goodreads.com/author/show/1299461.Thierry_Cazenave)
5. [String Theory and M-Theory: A Modern Introduction (Hardcover)](http://www.goodreads.com/book/show/222587.String_Theory_and_M_Theory)
by [Katrin Becker](http://www.goodreads.com/author/show/130258.Katrin_Becker)
6. [Gravity: An Introduction to Einstein's General Relativity (Hardcover)](http://www.goodreads.com/book/show/17301.Gravity)
by [James B. Hartle](http://www.goodreads.com/author/show/10509.James_B_Hartle)
7. [Theoretical Optics: An Introduction (Hardcover)](http://www.goodreads.com/book/show/7613371-theoretical-optics)
by [Hartmann Römer](http://www.goodreads.com/author/show/3333737.Hartmann_R_mer)
8. [The Dirac Equation (Hardcover)](http://www.goodreads.com/book/show/5060248-the-dirac-equation)
by [Bernd Thaller](http://www.goodreads.com/author/show/221836.Bernd_Thaller)
9. [Exact Solutions of Relativistic Wave Equations (Hardcover)](http://www.goodreads.com/book/show/5052279-exact-solutions-of-relativistic-wave-equations)
by [V.G. Bagrov](http://www.goodreads.com/author/show/2094951.V_G_Bagrov)
10. [Supersymmetric Gauge Field Theory And String Theory (Hardcover)](http://www.goodreads.com/book/show/4753235-supersymmetric-gauge-field-theory-and-string-theory)
by [David Bailin](http://www.goodreads.com/author/show/1690278.David_Bailin)
11. [Quantum Field Theory (Hardcover)](http://www.goodreads.com/book/show/4723505-quantum-field-theory)
by [Lowell S. Brown](http://www.goodreads.com/author/show/1130406.Lowell_S_Brown)
12. [Spheroidal Wave Functions in Electromagnetic Theory (Hardcover)](http://www.goodreads.com/book/show/4688804-spheroidal-wave-functions-in-electromagnetic-theory)
by [Le-Wei Li](http://www.goodreads.com/author/show/1952109.Le_Wei_Li) [(shelved 1 time as waves)](http://www.goodreads.com/shelf/users/4688804-spheroidal-wave-functions-in-electromagnetic-theory?shelf=waves)
13. [Fundamentals Of Quantum Optics And Quantum Information (Paperback)](http://www.goodreads.com/book/show/9868865-fundamentals-of-quantum-optics-and-quantum-information)
by [Peter Lambropoulos](http://www.goodreads.com/author/show/1877851.Peter_Lambropoulos)
14. [Lectures on Representation Theory and Knizhnik-Zamolodchikov Equations (Hardcover)](http://www.goodreads.com/book/show/3646218-lectures-on-representation-theory-and-knizhnik-zamolodchikov-equations)
by [P.I. Etingof](http://www.goodreads.com/author/show/1400597.P_I_Etingof)
15. [Fundamentals of Light Sources and Lasers (Hardcover)](http://www.goodreads.com/book/show/2463688.Fundamentals_of_Light_Sources_and_Lasers)
by [Mark Csele](http://www.goodreads.com/author/show/1095368.Mark_Csele)
16. [Supersymmetry and Supergravity: (Revised Edition)](http://www.goodreads.com/book/show/1627185.Supersymmetry_and_Supergravity)
by [Julius Wess](http://www.goodreads.com/author/show/359462.Julius_Wess)
17. [Field Quantization (Paperback)](http://www.goodreads.com/book/show/684950.Field_Quantization)
by [Walter Greiner](http://www.goodreads.com/author/show/117395.Walter_Greiner)
18. [Relativistic Quantum Mechanics. Wave Equations (Paperback)](http://www.goodreads.com/book/show/684948.Relativistic_Quantum_Mechanics_Wave_Equations)
by [Walter Greiner](http://www.goodreads.com/author/show/117395.Walter_Greiner)
19. [The Nonlinear Schr Dinger Equation: Self-Focusing and Wave Collapse (Hardcover)](http://www.goodreads.com/book/show/569089.The_Nonlinear_Schr_Dinger_Equation)
by [Catherine Sulem](http://www.goodreads.com/author/show/311358.Catherine_Sulem)
20. [Nonlinear Waves, Solitons and Chaos (Paperback)](http://www.goodreads.com/book/show/493151.Nonlinear_Waves_Solitons_and_Chaos)
by [Eyrk Infeld](http://www.goodreads.com/author/show/5454806.Eyrk_Infeld)
21. [Cosmology in Gauge Field Theory and String Theory (Paperback)](http://www.goodreads.com/book/show/160926.Cosmology_in_Gauge_Field_Theory_and_String_Theory)
by [David Bailin](http://www.goodreads.com/author/show/1690278.David_Bailin)
22. [Quantum Field Theory in Curved Spacetime and Black Hole Thermodynamics (Paperback)](http://www.goodreads.com/book/show/153918.Quantum_Field_Theory_in_Curved_Spacetime_and_Black_Hole_Thermodynamics)
by [Robert M. Wald](http://www.goodreads.com/author/show/30261.Robert_M_Wald)