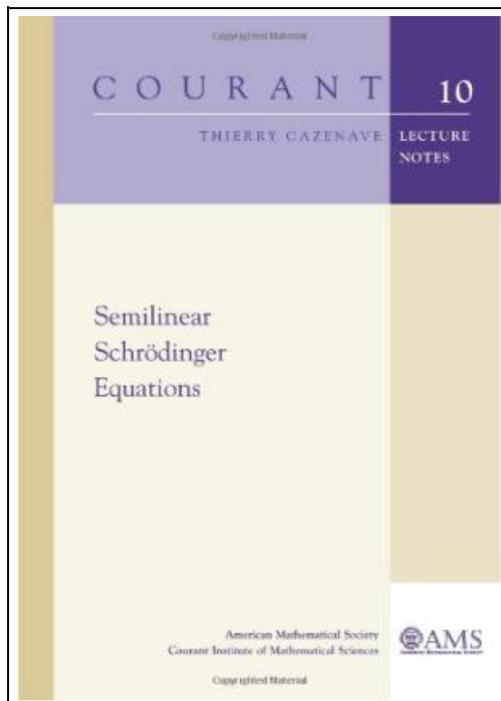


Semilinear Schrodinger Equations (Paperback)



Filesize: 8.7 MB

Reviews

*A top quality ebook and the typeface used was interesting to read through. It is rally intriguing throgh reading through period. You wont feel monotony at anytime of the time (that's what catalogues are for relating to when you ask me).
(Estelle Donnelly)*

SEMILINEAR SCHRODINGER EQUATIONS (PAPERBACK)



American Mathematical Society, United States, 2003. Paperback. Condition: New. UK ed.. Language: English . Brand New Book. The nonlinear Schrodinger equation has received a great deal of attention from mathematicians, particularly because of its applications to nonlinear optics. It is also a good model dispersive equation, since it is often technically simpler than other dispersive equations, such as the wave or the Korteweg-de Vries equation. From the mathematical point of view, Schrodinger s equation is a delicate problem, possessing a mixture of the properties of parabolic and elliptic equations. Useful tools in studying the nonlinear Schrodinger equation are energy and Strichartz s estimates. This book presents various mathematical aspects of the nonlinear Schrodinger equation. It studies both problems of local nature (local existence of solutions, uniqueness, regularity, smoothing effect) and problems of global nature (finite-time blowup, global existence, asymptotic behavior of solutions). In principle, the methods presented apply to a large class of dispersive semilinear equations. The first chapter recalls basic notions of functional analysis (Fourier transform, Sobolev spaces, etc). Otherwise, the book is mostly self-contained. It is suitable for graduate students and research mathematicians interested in nonlinear partial differential equations and applications to mathematical physics.



[Read Semilinear Schrodinger Equations \(Paperback\) Online](#)



[Download PDF Semilinear Schrodinger Equations \(Paperback\)](#)

Relevant Kindle Books



Gabriel Gets a Great Deal Cloverleaf Books Money Basics

Millbrook Press. Paperback. Book Condition: New. Mike Moran (illustrator). Paperback. 24 pages. Dimensions: 9.5in. x 9.2in. x 0.2in. Gabriel really wants to buy some fancy Fast Kids shoes. But his mom says they can spend no...

[Save PDF »](#)



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save PDF »](#)



Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School

Book Condition: Brand New. Book Condition: Brand New.

[Save PDF »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Save PDF »](#)



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Save PDF »](#)