

The Complex WKB Method for Nonlinear Equations: I: Linear Theory



Filesize: 6 MB

Reviews

This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.
(Alfreda Bradtke)

THE COMPLEX WKB METHOD FOR NONLINEAR EQUATIONS: I: LINEAR THEORY



To save **The Complex WKB Method for Nonlinear Equations: I: Linear Theory** eBook, make sure you access the web link beneath and download the ebook or gain access to additional information that are relevant to **THE COMPLEX WKB METHOD FOR NONLINEAR EQUATIONS: I: LINEAR THEORY** ebook.

Springer Basel, Switzerland, 2013. Paperback. Book Condition: New. 235 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****.This book deals with asymptotic solutions of linear and nonlinear equations which decay as $h \rightarrow 0$ outside a neighborhood of certain points, curves and surfaces. Such solutions are almost everywhere well approximated by the functions $c_p(x) \exp, x \in \mathbb{R}^3$, where $S(x)$ is complex, and $\text{Im} S(x) \sim o$. When the phase $S(x)$ is real ($\text{Im} S(x) = 0$), the method for obtaining asymptotics of this type is known in quantum mechanics as the WKB-method. We preserve this terminology in the case $\text{Im} S(x) \sim 0$ and develop the method for a wide class of problems in mathematical physics. Asymptotics of this type were constructed recently for many linear problems of mathematical physics; certain specific formulas were obtained by different methods (V. M. Babich [5-7], V. P. Lazutkin [76], A. A. Sokolov, I. M. Ter-nov [113], J. Schwinger [107, 108], E. J. Heller [53], G. A. Hagedorn [50, 51], V. N. Bayer, V. M. Katkov [21], N. A. Chernikov [35] and others). However, a general (Hamiltonian) formalism for obtaining asymptotics of this type is clearly required; this state of affairs is expressed both in recent mathematical and physical literature. For example, the editors of the collected volume [106] write in its preface: One can hope that in the near future a computational procedure for fields with complex phase, similar to the usual one for fields with real phase, will be developed. Softcover reprint of the original 1st ed. 1994.



Read The Complex WKB Method for Nonlinear Equations: I: Linear Theory Online

Download PDF The Complex WKB Method for Nonlinear Equations: I: Linear Theory

Download ePub The Complex WKB Method for Nonlinear Equations: I: Linear Theory

Other Kindle Books



[PDF] Read Write Inc. Phonics: Grey Set 7 Storybook 4 Looking After a Hamster
Click the hyperlink listed below to download "Read Write Inc. Phonics: Grey Set 7 Storybook 4 Looking After a Hamster" PDF file.

[Read eBook »](#)



[PDF] YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)

Click the hyperlink listed below to download "YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930

Click the hyperlink listed below to download "Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930" PDF file.

[Read eBook »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Click the hyperlink listed below to download "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Click the hyperlink listed below to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF file.

[Read eBook »](#)



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Click the hyperlink listed below to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

[Read eBook »](#)

**[PDF] Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults**

Click the link below to download "Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults" PDF file.

[Save Document »](#)

**[PDF] Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles**

Click the link below to download "Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles" PDF file.

[Save Document »](#)

**[PDF] Genuine entrepreneurship education (secondary vocational schools teaching book) 9787040247916(Chinese Edition)**

Click the link below to download "Genuine entrepreneurship education (secondary vocational schools teaching book) 9787040247916(Chinese Edition)" PDF file.

[Save Document »](#)

**[PDF] Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)**

Click the link below to download "Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)" PDF file.

[Save Document »](#)

**[PDF] The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)**

Click the link below to download "The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)" PDF file.

[Save Document »](#)

**[PDF] ESL Stories for Preschool: Book 1**

Click the link below to download "ESL Stories for Preschool: Book 1" PDF file.

[Save Document »](#)