

<<现代数学物理方法（第4卷）>>

图书基本信息

书名：<<现代数学物理方法（第4卷）>>

13位ISBN编号：9787506259347

10位ISBN编号：7506259346

出版时间：2003-6

出版时间：世界图书出版公司

作者：M.Reed , B.Simon 著

页数：396

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

内容概要

With the publication of Volumes III and IV we have completed our presentation of the material which we originally planned as "Volume II" at the time of publication of Volume I. We originally promised the publisher that the entire series would be completed nine months after we submitted Volume I. Well! We have listed the contents of future volumes below. We are not foolhardy enough to make any predictions.

书籍目录

Preface Introduction Contents of Other Volumes XII: PERTURBATION OF POINT SPECTRA 1. Finite-dimensional perturbation theory Appendix Algebraic and geometric multiplicity of eigenvalues of finite matrices 2. Regular perturbation theory 3. Asymptotic perturbation theory 4. Summability methods in perturbation theory 5. Spectral concentration 6. Resonances and the Fermi golden rule Notes Problems XIII: SPECTRAL ANALYSIS 1. The rain-max principle 2. Bound states of Schrödinger operators I: Quantitative methods 3. Bound states of Schrödinger operators II: Qualitative theory A. Is $\text{disc}(H)$ finite or infinite? B. Bounds on $N(V)$ in the central case C. Bounds on $N(V)$ in the general two-body case 4. Locating the essential spectrum I: Weyl's theorem 5. Locating the essential spectrum III: Titchmarsh-Voigt theorem 6. The absence of singular continuous spectrum I: General theory 7. The absence of singular continuous spectrum II: Smooth perturbations A. Weakly coupled quantum systems B. Positive commutators and repulsive potentials C. Local smoothness and wave operators for repulsive potentials 8. The absence of singular continuous spectrum III: Weighted L^2 spaces 9. The spectrum of tensor products 10. The absence of singular continuous spectrum IV: Dilation analytic potentials 11. Properties of eigenfunctions 12. Nondegeneracy of the ground state Appendix 1 The Beurling-Deny criteria Appendix 2 The Levy-Khintchine formula 13. Absence of positive eigenvalues Appendix Unique continuation theorems for Schrodinger operators 14. Compactness criteria and operators with compact resolvent 15. The asymptotic distribution of eigenvalues 16. Schrödinger operators with periodic potentials 17. An introduction to the spectral theory of non-self-adjoint operators Notes Problems List of Symbols Index

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>