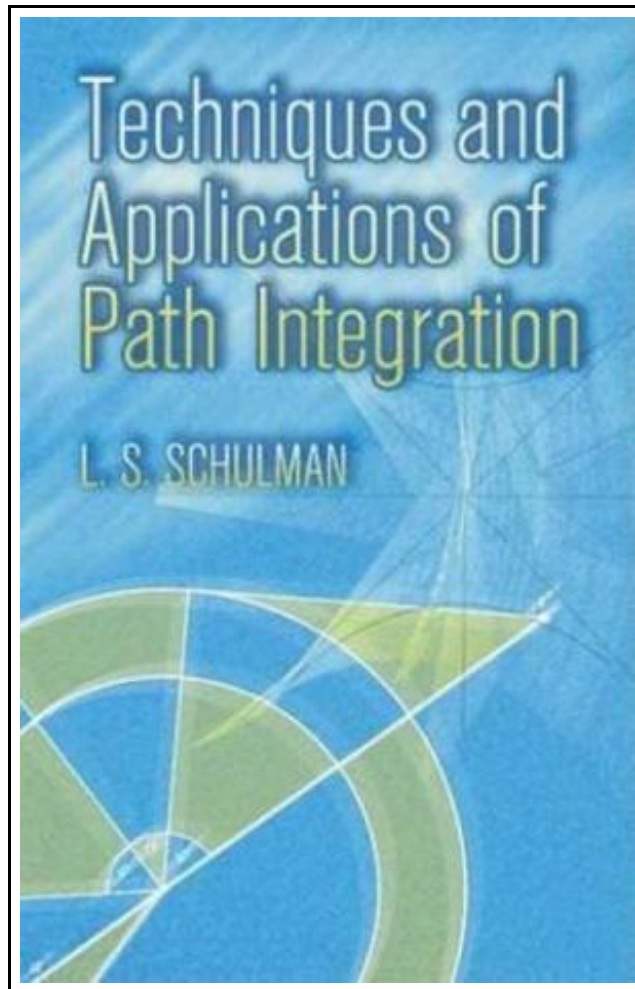


Techniques and Applications of Path Integration (Paperback)



Filesize: 6.91 MB

Reviews

An exceptional publication as well as the font employed was exciting to see. it was actually writtern extremely flawlessly and helpful. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Dominic Collins)

TECHNIQUES AND APPLICATIONS OF PATH INTEGRATION (PAPERBACK)



To save **Techniques and Applications of Path Integration (Paperback)** PDF, remember to click the web link below and save the file or have access to other information which are related to **TECHNIQUES AND APPLICATIONS OF PATH INTEGRATION (PAPERBACK)** ebook.

Dover Publications Inc., United States, 2005. Paperback. Book Condition: New. 213 x 135 mm. Language: English . Brand New Book. A book of techniques and applications, this text defines the path integral and illustrates its uses by example. It is suitable for advanced undergraduates and graduate students in physics; its sole prerequisite is a first course in quantum mechanics. For applications requiring specialized knowledge, the author supplies background material. The first part of the book develops the techniques of path integration. Topics include probability amplitudes for paths and the correspondence limit for the path integral; vector potentials; the Ito integral and gauge transformations; free particle and quadratic Lagrangians; properties of Green s functions and the Feynman-Kac formula; functional derivatives and commutation relations; Brownian motion and the Wiener integral; and perturbation theory and Feynman diagrams. The second part, dealing with applications, covers asymptotic analysis and the calculus of variations; the WKB approximation and near caustics; the phase of the semiclassical amplitude; scattering theory; and geometrical optics. Additional topics include the polaron; path integrals for multiply connected spaces; quantum mechanics on curved spaces; relativistic propagators and black holes; applications to statistical mechanics; systems with random impurities; instantons and metastability; renormalization and scaling for critical phenomena; and the phase space path integral.



[Read Techniques and Applications of Path Integration \(Paperback\) Online](#)



[Download PDF Techniques and Applications of Path Integration \(Paperback\)](#)

Related Books



[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Click the hyperlink listed below to download "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)" document.

[Save Document »](#)



[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)

Click the hyperlink listed below to download "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)" document.

[Save Document »](#)



[PDF] Any Child Can Write (Paperback)

Click the hyperlink listed below to download "Any Child Can Write (Paperback)" document.

[Save Document »](#)



[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 (Paperback)

Click the hyperlink listed below to download "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 (Paperback)" document.

[Save Document »](#)



[PDF] Electronic Dreams: How 1980s Britain Learned to Love the Computer

Click the hyperlink listed below to download "Electronic Dreams: How 1980s Britain Learned to Love the Computer" document.

[Save Document »](#)



[PDF] An American Robinson Crusoe (Paperback)

Click the hyperlink listed below to download "An American Robinson Crusoe (Paperback)" document.

[Save Document »](#)