

1. Record Nr.	UNINA9910782115703321
Titolo	Introduction to random time and quantum randomness [[electronic resource] /] / Kai Lai Chung, Jean-Claude Zambrini
Pubbl/distr/stampa	River Edge, N.J., : World Scientific, c2003
ISBN	1-281-93560-3 9786611935603 981-279-517-0
Edizione	[New ed.]
Descrizione fisica	1 online resource (225 p.)
Collana	Monographs of the Portuguese Mathematical Society ; ; v. 1
Altri autori (Persone)	ChungKai Lai <1917-2009.> ZambriniJean-Claude
Disciplina	530.12 530.15192
Soggetti	Quantum chaos Random fields Mathematical physics Stochastic processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents ; Monographs of the Portuguese Mathematical Society ; Monografias da Sociedade Portuguesa de Matematica ; Guide ; Foreword to Part 1 ; Part 1. Introduction to Random Time ; 1 Prologue ; 2 Stopping time ; 3 Martingale stopped ; 4 Random past and future ; 5 Other times ; 6 From first to last ; 7 Gapless time ; 8 Markov chain in continuum time ; 9 The trouble with the infinite ; References ; Foreword to Part 2 ; Part 2. Introduction to Quantum Randomness ; 1 Classical prologue ; 2 Standard quantum mechanics ; 3 Probabilities in standard quantum mechanics ; 4 Feynman's approach to quantum probabilities ; 4.1 Lagrangian mechanics ; 4.2 Feynman's space-

time reinterpretation of quantum mechanics  
; 5 Schrodinger's Euclidean quantum mechanics  
5.1 A probabilistic interpretation of Feynman's approach  
5.2 Feynman's results revisited ; 6 Beyond  
Feynman's approach ; 6.1 More quantum  
symmetries ; 6.2 Introduction to functional  
calculus ; 7 Time for a dialogue  
; References ; Index

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Sommario/riassunto

This book is made up of two essays on the role of time in probability and quantum physics. In the first one, K L Chung explains why, in his view, probability theory starts where random time appears. This idea is illustrated in various probability schemes and the deep impact of those random times on the theory of the stochastic process is shown. In the second essay J-C Zambrini shows why quantum physics is not a regular probabilistic theory, but also why stochastic analysis provides new tools for analyzing further the meaning of Feynman's path integral approach and a number of foundational is

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