

1. Record Nr.	UNINA9910807373103321
Titolo	Quantum information V : proceedings of the fifth international conference, Meijo University, Japan, 17-19 December 2001 // edited by T. Hida & K. Saito
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2006
ISBN	1-281-37914-X 9786611379148 981-277-483-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (228 p.)
Altri autori (Persone)	HidaTakeyuki <1927-> SaitoK (Kimiaki)
Disciplina	004.1
Soggetti	Computers Quantum computers
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.
Nota di contenuto	<p>CONTENTS ; Recognition and Teleportation</p> <p>; 1 Introduction ; 2 Basic Notions ; 3 Entangled States ; 4 Channels ; 5 The State of the Memory after Recognition ;</p> <p>References ; Quantum Information and Spacetime Structure ; 1 Introduction ; 2 Quantum Probability and Quantum Field Theory</p> <p>3 Local Observations and Modified Bell's Equations 4 Noncommutative Spectral Theory and Quantum Theory ; 5 Entangled States and General Relativity ; 6 Conclusions ; References ; On Gaussian and Poisson White Noises ; 1 Introduction ; 2 Gelfand Triple in Terms of Boson Fock Space 3 Gelfand Triples in Terms of Multiple Wiener-Ito Integrals Associated with Gaussian and Poisson Measures 4 On Gaussian and Poisson White Noises ;</p> <p>Appendix ; References ; Renormalization Orthogonalization and Generating Functions</p>

; 1. GAUSSIAN MEASURE AND HERMITE POLYNOMIALS
2. POISSON MEASURE AND CHARLIER POLYNOMIALS
3. GENERAL CASE ; REFERENCES ; Insider
Trading in Continuous Time ; 1 Introduction
; 2 Market Maker's Optimal Filtering ; 3
Informed Trader's Optimal Trading ; 4
Further Directions of Research ; 5 Appendices
; References
Existence Uniqueness Consistency and Dependency on Diffusion
Coefficients of Generalized Solutions of Nonlinear Diffusion Equations
in Colombeau's Algebra
1. Introduction ; 2. The Colombeau algebra of generalized
functions ; 3. Existence uniqueness
and consistency results
4. Dependency of generalized solutions on diffusion coefficients and
initial data

Sommario/riassunto

Sample Chapter(s)
Chapter 1: Recognition and Teleportation (494 KB)
Contents:

- Recognition and Teleportation (M Ohya et al.)
- Quantum Information and Spacetime Structure (I V Volovich)
- On Gaussian and Poisson White Noises (N Asai)
- Renormalization, Orthogonalization, and Generating Functions (N Asai et al.)
- Insider Trading in Continuous Time (E Barucci et al.)
- Existence, Uniqueness, Consistency and Dependency on Diffusion Coefficients of Generalized Solutions of Nonlinear Diffusion Equati