1. Record Nr.   UNINA9910483029503321

   Autore   Barndorff-Nielsen Ole E

   Titolo   Quantum Independent Increment Processes II : Structure of Quantum
                       Lévy Processes, Classical Probability, and Physics / / by Ole E
                       Barndorff-Nielsen, Uwe Franz, Rolf Gohm, Burkhard Kümmerer, Steen
                       Thorbjørnsen ; edited by Michael Schuermann, Uwe Franz

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                       , 2006

   ISBN   9783540323853
                       3540323856

   Edizione   [1st ed. 2006.]

   Descrizione fisica 1 online resource (XV, 340 p.)

   Collana   Lecture Notes in Mathematics, , 1617-9692 ; ; 1866

   Disciplina   510

   Soggetti   Probabilities
                       Mathematics
                       Mathematical physics
                       Probability Theory
                       Applications of Mathematics
                       Theoretical, Mathematical and Computational Physics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Random Walks on Finite Quantum Groups -- Quantum Markov
                       Processes and Applications in Physics -- Classical and Free Infinite
                       Divisibility and Lévy Processes -- Lévy Processes on Quantum Groups
                       and Dual Groups -- Index.

   Sommario/riassunto This is the second of two volumes containing the revised and
                       completed notes of lectures given at the school "Quantum Independent
                       Increment Processes: Structure and Applications to Physics". This
                       school was held at the Alfried-Krupp-Wissenschaftskolleg in Greifswald
                       in March, 2003, and supported by the Volkswagen Foundation. The
                       school gave an introduction to current research on quantum
                       independent increment processes aimed at graduate students and non-
                       specialists working in classical and quantum probability, operator
                       algebras, and mathematical physics. The present second volume
                       contains the following lectures: "Random Walks on Finite Quantum

Groups" by Uwe Franz and Rolf Gohm, "Quantum Markov Processes and Applications in Physics" by Burkhard Kümmerer, Classical and Free Infinite Divisibility and Lévy Processes" by Ole E. Barndorff-Nielsen, Steen Thorbjornsen, and "Lévy Processes on Quantum Groups and Dual Groups" by Uwe Franz.