

1. Record Nr.	UNISA996466595203316
Autore	Bernard P (Pierre), <1944->
Titolo	Lectures on probability theory and statistics : Ecole d'Ete de probabilités de Saint-Flour XXVII - 1997 // Pierre Bernard [and three others]
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1999] ©1999
ISBN	3-540-48115-X
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (X, 298 p.)
Collana	Lecture Notes in Mathematics ; ; Volume 1717
Disciplina	530.475
Soggetti	Brownian motion processes Ising model Lattice theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	From the contents: Subordinators: Examples and Applications: Foreword -- Elements on subordinators -- Regenerative property -- Asymptotic behaviour of last passage times -- Rates of growth of local time -- Geometric properties of regenerative sets -- Burgers equation with Brownian initial velocity -- Random covering -- Lévy processes -- Occupation times of a linear Brownian motion -- Lectures on Glauber Dynamics for Discrete Spin Models: Introduction -- Gibbs Measures of Lattice Spin Models -- The Glauber Dynamics -- One Phase Region -- Boundary Phase Transitions -- Phase Coexistence -- Glauber Dynamics for the Dilute Ising Model -- Probability on Trees: An Introductory Climb: Preface -- Basic Definitions and a Few Highlights -- Galton-Watson Trees -- General percolation on a connected graph -- The first-Moment method -- Quasi-independent Percolation -- The second Moment Method -- Electrical Networks -- Infinite Networks -- The Method of Random Paths -- Transience of Percolation Clusters -- Subperiodic Trees --
Sommario/riassunto	Part I, Bertoin, J.: Subordinators: Examples and Applications: Foreword. - Elements on subordinators.- Regenerative property.- Asymptotic behaviour of last passage times.- Rates of growth of local time.- Geometric properties of regenerative sets.- Burgers equation with

Brownian initial velocity.- Random covering.- Lévy processes.-
Occupation times of a linear Brownian motion.- Part II, Martinelli, F.:
Lectures on Glauber Dynamics for Discrete Spin Models: Introduction.-
Gibbs Measures of Lattice Spin Models.- The Glauber Dynamics.- One
Phase Region.- Boundary Phase Transitions.- Phase Coexistence.-
Glauber Dynamics for the Dilute Ising Model.- Part III, Peres, Yu.:
Probability on Trees: An Introductory Climb: Preface.- Basic Definitions
and a Few Highlights.- Galton-Watson Trees.- General percolation on a
connected graph.- The first-Moment method.- Quasi-independent
Percolation.- The second Moment Method.- Electrical Networks.-
Infinite Networks.- The Method of Random Paths.- Transience of
Percolation Clusters.- Subperiodic Trees.- The Random Walks RW
(λ) .- Capacity.- Intersection-Equivalence.- Reconstruction for
the Ising Model on a Tree,- Unpredictable Paths in \mathbb{Z} and EIT in \mathbb{Z}^3 .-
Tree-Indexed Processes.- Recurrence for Tree-Indexed Markov Chains.
- Dynamical Percolation.- Stochastic Domination Between Trees.
