1. Record Nr. UNINA9910786845903321

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Titolo	Random walks and electric networks / / by Peter G. Doyle, J. Laurie Snell [[electronic resource]]
Pubbl/distr/stampa	Washington : , : Mathematical Association of America, , 1984
ISBN	1-61444-022-0
Descrizione fisica	1 online resource (xiii, 159 pages) : digital, PDF file(s)
Collana	Carus Mathematical Monographs, , 2637-7535 ; ; v. 22 Carus mathematical monographs ; ; no. 22
Disciplina	519.2/82
Soggetti	Random walks (Mathematics) Electric network topology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 02 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 151-153) and index.
Nota di contenuto	pt. I. Random walks on finite networks -- pt. II. Random walks on infinite networks.
Sommario/riassunto	Probability theory, like much of mathematics, is indebted to physics as a source of problems and intuition for solving these problems. Unfortunately, the level of abstraction of current mathematics often makes it difficult for anyone but an expert to appreciate this fact. Random Walks and Electric Networks looks at the interplay of physics and mathematics in terms of an example the relation between elementary electric network theory and random walks where the mathematics involved is at the college level.