1.	Record Nr.	UNINA9910812582303321
	Titolo	Harmonic functions on trees and buildings : Workshop on Harmonic Functions on Graphs, October 30-November 3, 1995, City University of New York / / Adam Koranyi, editor ; with minicourses by D. Cartwright [and three others]
	Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1997] ©1997
	ISBN	0-8218-7797-6
	Descrizione fisica	1 online resource (194 p.)
	Collana	Contemporary mathematics, , 0271-4132 ; ; 206
	Disciplina	515/.53
	Soggetti	Harmonic functions Graph theory
	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	""Contents""; ""Preface""; ""Part I. Minicourses.""; ""Local fields and trees""; ""Martin boundaries and random walks""; ""A brief introduction to buildings""; ""Local fields and buildings""; ""Part II. Abstracts of Lectures.""; ""Heat kernel for regular trees""; ""Tensor product of spherical representations of the group of automorphisms of a homogeneous tree""; ""The horocyclic Radon transform on trees""; ""Eigenfunctions of the Laplacian on a homogeneous tree""; ""Exotic convergence in theorems of Fatou type""; ""A spectral gap property for transfer operators"" ""Harmonic functions on discrete subgroups of semi-simple Lie groups""""Biased random walks and harmonic functions on the Lamplighter group""; ""Characterization of the eigenfunctions of the Laplace operators for an affine building of rank 2""; ""Free product of representations""; ""The Jacobian of a finite graph""; ""Flows and harmonic functions on graphs""; ""Applications of diffusion processes on trees to mathematical finance""; ""Characterizing harmonic functions by mean value properties on trees and symmetric spaces""; ""Factors from buildings"" ""Harnack and Liouville properties on graphs""""The spectrum of a directed Cayley graph of a free group""; ""Factorization of the Green's