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	Titolo	The isomorphism problem in Coxeter groups [[electronic resource] /] / Patrick Bahls
	Pubbl/distr/stampa	London, : Imperial College Press, c2005
	ISBN	1-281-86686-5 9786611866860 1-86094-719-0
	Descrizione fisica	1 online resource (192 p.)
	Disciplina	512.2 512/.2
	Soggetti	Coxeter groups Isomorphisms (Mathematics)
	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 (p. 171-173) and index.
	Nota di contenuto	Preface; Contents; Chapter 1 Preliminaries on Coxeter groups; Chapter 2 Further properties of Coxeter groups; Chapter 3 Rigidity; Chapter 4 In the beginning: some early results; Chapter 5 Even Coxeter groups; Chapter 6 More general groups; Chapter 7 Refinements and generalizations: automorphisms and Artin groups; Bibliography; Index
	Sommario/riassunto	The book is the first to give a comprehensive overview of the techniques and tools currently being used in the study of combinatorial problems in Coxeter groups. It is self-contained, and accessible even to advanced undergraduate students of mathematics. The primary purpose of the book is to highlight approximations to the difficult isomorphism problem in Coxeter groups. A number of theorems relating to this problem are stated and proven. Most of the results addressed here concern conditions which can be seen as varying degrees of uniqueness of representations of Coxeter groups. Throughout the