

1. Record Nr.	UNINA9910568247803321
Titolo	The Riordan group and applications // Louis Shapiro [and six others]
Pubbl/distr/stampa	Cham, Switzerland : , : Springer International Publishing, , [2022] ©2022
ISBN	3-030-94151-5
Descrizione fisica	1 online resource (376 pages)
Collana	Springer Monographs in Mathematics
Disciplina	511.6
Soggetti	Combinatorial analysis Combinatorial analysis - Data processing Matemàtica discreta Anàlisi combinatòria Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Foreword -- Preface -- Part I: Lou Shapiro's -- Part II: Renzo Sprugnoli's -- Part III: Overview of the book -- Acknowledgements -- Contents -- Notation -- 1 Introduction -- 1.1 What are Riordan Arrays? -- 1.2 Origins and Motivation -- 1.3 Elementary Applications -- Exercises -- References -- 2 Extraction of Coefficients and Generating Functions -- 2.1 Formal Power Series -- 2.2 Coefficient Extraction -- 2.3 Lagrange Inversion Theorem -- 2.4 Generating Functions -- Exercises -- References -- 3 The Riordan Group -- 3.1 Riordan Arrays and the Riordan Group -- 3.2 Some Special Subgroups -- 3.3 Several Aspects of the Riordan Group -- Exercises -- References -- 4 Characterization of Riordan Arrays by Special Sequences -- 4.1 The A- and Z- Sequences -- 4.2 The A-matrix -- 4.3 Is It a Riordan Array? -- Exercises -- References -- 5 Combinatorial Sums and Inversions -- 5.1 Combinatorial Sums -- 5.2 Combinatorial Inversions -- Exercises -- References -- 6 Generalized Riordan Arrays -- 6.1 Exponential Riordan Arrays -- 6.2 Generalized Riordan Arrays and the Riordan Group -- 6.3 Relations Between Riordan Arrays and Sheffer Sequences -- 6.4 Special Riordan Arrays and Sheffer Sequences -- 6.5 Double Riordan Arrays and Sheffer Polynomial Pairs -- References -- 7 Extensions of the

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