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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Counting Trees and Rooted Trees with Applications -- Chapter 2: Boundedness and Stability of Leslie-Gower Model with Sokol-Howell Functional Response -- Chapter 3: Fifth order Four Stage Explicit Trigonometrically-fitted Runge–Kutta–Nystrm Methods -- Chapter 4: Modified Homotopy Perturbation Method For Fredholm-Volterra Integro-Differential Equation -- Chapter 5: Simultaneous Effects of Soret and Dufour on the Unsteady Stagnation Point Flow of Micropolar Fluid towards a Permeable Stretching Sheet -- Chapter 6: One-Step Implicit Hybrid Method for Solving Semi-Explicit Index-1 Differential Algebraic Equations -- Chapter 7: An Artificial Intelligence

Strategy for the Prediction of Wind Speed and Direction in Sarawak for Wind Energy Mapping -- Chapter 8: Stability Analysis of Dengue Disease Using Host – Vector Model -- Chapter 9: Simple Motion Evasion Differential Game of One Pursuer and One Evader. .

Sommario/riassunto

This book features selected papers from The Seventh International Conference on Research and Education in Mathematics that was held in Kuala Lumpur, Malaysia from 25 - 27th August 2015. With chapters devoted to the most recent discoveries in mathematics and statistics and serve as a platform for knowledge and information exchange between experts from academic and industrial sectors, it covers a wide range of topics, including numerical analysis, fluid mechanics, operation research, optimization, statistics and game theory. It is a valuable resource for pure and applied mathematicians, statisticians, engineers and scientists, and provides an excellent overview of the latest research in mathematical sciences.
