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Nota di contenuto	Preface; Contents; 1 Introduction; 2 Fixed-Point Theorems; 3 Nash Equilibrium and Abstract Economy; 4 Gale-Nikaido-Debreu's Theorem; 5 General Economic Equilibrium; 6 The Cech Type Homology Theory and Fixed Points; 7 Convex Structure and Fixed-Point Index; 8 Applications to Related Topics; 9 Mathematics and Social Science; 10 Concluding Discussions; Mathematical Appendix I; Mathematical Appendix II; Mathematical Appendix III; References; Index
Sommario/riassunto	This book presents a systematic approach to problems in economic equilibrium based on fixed-point arguments and rigorous set-theoretical (axiomatic) methods. It describes the highest-level research on the classical theme, fixed points and economic equilibria, in the theory of mathematical economics, and also presents basic results in this area, especially in the general equilibrium theory and non-co-operative game theory. The arguments also contain distinguishable developments of the main theme in the homology theory for general topological spaces, in the model theory and mathematical logic, a