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| Nota di contenuto | Contents -- Preface -- An Elementary Approach to Stochastic Differential Equations Using the Infinitesimals -- Ultrafilters, IP sets, Dynamics, and Combinatorial Number Theory -- Ultrafilters and Set Theory -- Measure-Centering Ultrafilters -- Algebra in the Space of Ultrafilters and Ramsey Theory -- Ultrapower of N and Density Problems -- The Ultraproduct Construction -- Ultrafilters and Large Cardinals. |