Record Nr. UNINA9910779735803321 Autore Arnold Eckhart Titolo Explaining altruism [[electronic resource]]: a simulation-based approach and its limits / / Eckhart Arnold Frankfurt,: Ontos Verlag, 2008 Pubbl/distr/stampa **ISBN** 3-11-032757-0 Descrizione fisica 1 online resource (315 p.) Collana Practical Philosophy:: 11 Practical philosophy;; Bd. 11 Disciplina 171.8 Altruism - Computer simulation Soggetti Cooperativeness - Computer simulation 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 and index. Nota di contenuto Frontmatter -- Contents -- Chapter 1: Introduction -- Chapter 2: The riddle of altruism -- Chapter 3: The generalized theory of evolution as theoretical framework -- Chapter 4: Modeling the evolution of altruism -- Chapter 5: Empirical research on the evolution of altruism --Chapter 6: Learning from failure -- Chapter 7: Summary and final reflections -- Chapter 8: Appendices -- Backmatter Sommario/riassunto Employing computer simulations for the study of the evolution of altruism has been popular since Axelrod's book "The Evolution of Cooperation". But have the myriads of simulation studies that followed in Axelrod's footsteps really increased our knowledge about the evolution of altruism or cooperation? This book examines in detail the working mechanisms of simulation based evolutionary explanations of altruism. It shows that the "theoretical insights" that can be derived from simulation studies are often quite arbitrary and of little use for the empirical research. In the final chapter of the book, therefore, a set of epistemological requirements for computer simulations is proposed

and recommendations for the proper research design of simulation

studies are made.