1. Record Nr. UNINA9910779690003321 Autore Hart Sergiu **Titolo** Simple adaptive strategies: from regret-matching to uncoupled dynamics / / Sergiu Hart, The Hebrew University of Jerusalem, Andreu Mas-Colell, Universitat Pompeu Fabra, Barcelona; with the collaboration of Yakov Babichenko, Amotz Cahn, Yishay Mansour, David Schmeidler Pubbl/distr/stampa Hackensack, New Jersey:,: World Scientific Pub. Co. Pte. Ltd.,, 2013 **ISBN** 1-299-46232-4 981-4390-70-4 Descrizione fisica 1 online resource (xxxviii, 296 pages) World Scientific series in economic theory, , 2251-2071;; v. 4. Collana Disciplina 519.3 Games of strategy (Mathematics) Soggetti Heuristic algorithms Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto pt. I. Correlated equilibria -- pt. II. Regret matching -- pt. III. Uncoupled dynamics -- pt. IV. Dynamics and equilibria. This volume collects almost two decades of joint work of Sergiu Hart Sommario/riassunto and Andreu Mas-Colell on game dynamics and equilibria. The starting point was the introduction of the adaptive strategy called regretmatching, which on the one hand is simple and natural, and on the other is shown to lead to correlated equilibria. This initial finding boundedly rational behavior that yields fully rational outcomes in the long run - generated a large body of work on the dynamics of simple adaptive strategies. In particular, a natural condition on dynamics was

identified: uncoupledness, whereby decision-make