Record Nr. UNINA9910350223903321 Autore dell'Isola Francesco **Titolo** Big-(Wo)men, Tyrants, Chiefs, Dictators, Emperors and Presidents [[electronic resource]]: Towards the Mathematical Understanding of Social Groups / / by Francesco dell'Isola Pubbl/distr/stampa Singapore:,: Springer Singapore:,: Imprint: Springer,, 2019 **ISBN** 981-13-9479-2 Edizione [1st ed. 2019.] 1 online resource (176 pages) Descrizione fisica Disciplina 301.10151 Soggetti Science—Social aspects Mathematics Social sciences Social sciences—Data processing Social sciences—Computer programs Societal Aspects of Physics, Outreach and Education Popular Science in Mathematics Mathematics in the Humanities and Social Sciences Computational Social Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia 1.A Dictator Must Always Exist -- 2.Arrow's Theorem is a Powerful Tool Nota di contenuto for Understanding Many Social Phenomena -- 3. Catherine the Great and Genghis Khan: Power has no Gender -- 4. Some Open Problems for a General Mathematical Theory of Social Structures -- 5. Phenomenology of Leadership -- 6. Phenomenology of Dictatorship. Sommario/riassunto This book highlights mathematical ideas to help explain a number of important aspects of the dynamics of social groups. These ideas are similar to those used to describe the behaviour of Lagrangian mechanical systems, and as such this book appeals to anyone wanting

to gain an understanding of the intrinsic unity of natural phenomena.