1. Record Nr. UNINA9910807839603321 Autore Kowalski Andres M Titolo Concepts and recent advances in generalized information measures and statistics / / Andres Kowalski, Raul D. Rossignoli, Evaldo M.F. Curado Sharjah, UAE:,: Bentham Science Publishers,, [2013] Pubbl/distr/stampa ©2013 **ISBN** 1-60805-760-7 Descrizione fisica 1 online resource (432 p.) Soggetti Information measurement **Statistics** Information theory Entropy (Information theory) 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 part I. Fundamental concepts -- part II. Applications. Sommario/riassunto

Since the introduction of the information measure widely known as Shannon entropy, quantifiers based on information theory and concepts such as entropic forms and statistical complexities have proven to be useful in diverse scientific research fields. This book contains introductory tutorials suitable for the general reader, together with chapters dedicated to the basic concepts of the most frequently employed information measures or quantifiers and their recent applications to different areas, including physics, biology, medicine, economics, communication and social sciences. As these quantif