Record Nr. UNINA9910783290103321 Developing second order cybernetics [[electronic resource] /] / Guest **Titolo** editor Dr. Bernard Scott Pubbl/distr/stampa Bradford, England, : Emerald Group Publishing, c2004 **ISBN** 1-280-51442-6 9786610514427 1-84544-179-6 Descrizione fisica 1 online resource (205 p.) Collana Kybernetes: the international journal of systems & cybernetics ; ; v.33. no. 9/10 ScottBernard Altri autori (Persone) Disciplina 301.018 Soggetti Cybernetics Systems engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di contenuto Contents; Abstracts and Keywords; Preface; Guest Editor's introduction; Second-order cybernetics; The purpose of second-order cybernetics; Reminiscences of McCulloch and Pitts and some others; Questions about constructivism; Remarks on the foundations of cybernetics and cognitive science; Self-organisation as quality control in inquiry; Essential structure in physical observation: Axioms from interactions of actors theory; Cognitive and neuropsychological basis for quantum mechanics; Approximation of multiple integrals by simple integrals involving periodic functions kth-order Markov chain-based approximation of the Shannon entropy of Gaussian photon-counting processesA cybernetical analysis of entities in multilevel systems; Asymptotic behaviour and statistical applications of weighted (h,p)-divergences; Twenty-first century; Book reviews; News, conferences and technical reports; Special announcements Special double issue: developing second order cybernetics - a Sommario/riassunto collection of papers from the UK Cybernetics Society Guest Editor: Bernard Scott This special double issue is based on the presentations

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