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Nota di contenuto	Part I: Design of Trustworthy Self-Organizing Large-Scale Open Systems Wolfgang Reif et al. -- Part II: HCI Design for Trustworthy Organic Computing Elisabeth André et al. -- Part III: Self-Organizing Trusted Communities a Top-down Approach Christian Müller-Schloer et al. -- Part IV: Self-Organizing Trusted Communities a Bottom-up Approach Jörg Hähner et al. -- Part V: A Trust-Enabling Middleware (TEM) Theo Ungerer et al. -- Part V-X: Invited Contributions.
Sommario/riassunto	This book treats the computational use of social concepts as the focal point for the realisation of a novel class of socio-technical systems, comprising smart grids, public display environments, and grid computing. These systems are composed of technical and human constituents that interact with each other in an open environment. Heterogeneity, large scale, and uncertainty in the behaviour of the constituents and the environment are the rule rather than the exception. Ensuring the trustworthiness of such systems allows their technical constituents to interact with each other in a reliable, secure, and predictable way while their human users are able to understand and control them. "Trustworthy Open Self-Organising Systems" contains a wealth of knowledge, from trustworthy self-organisation

mechanisms, to trust models, methods to measure a user's trust in a system, a discussion of social concepts beyond trust, and insights into the impact open self-organising systems will have on society.