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| Titolo                  | Constructal human dynamics security and sustainability [[electronic resource] /] / edited by Adrian Bejan ... [et al.]  |
| Pubbl/distr/stampa      | Amsterdam, : IOS<br>Lancaster, : Gazelle (distributor), 2009  |
| ISBN                    | 1-60750-398-0<br>600-00-1448-1  |
| Descrizione fisica      | 1 online resource (188 p.)  |
| Collana                 | NATO science for peace and security. Series E, Human and societal dynamics, , 1874-6276 ; ; v. 50   |
| Altri autori (Persone)  | BejanAdrian <1948->   |
| Disciplina              | 304.2   |
| Soggetti                | Physics - Social aspects<br>Social ecology  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Conference proceedings.   |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Title page; Preface; Contents; Constructal Theory and Design; Constructal View of City Flow Structure and People Safety; Flow Systems, Catastrophes, and Public Policy; Developing Constructal Theory as a Tool for Global Security and Sustainability; Pattern Formation and Self-Organization in Living Systems: a Unified View of Coral Colonies and Crowd Dynamics; Constructal Placement of Decontamination on Nuclear Waste Areas; Some Transfer Phenomena Regarding the Safety of Deep Geological Repositories of Radioactive Wastes.<br>Constructal Patterns in Air Traffic Flows and in Sustainable Information Systems<br>Constructal Flow of Education and Research; Subject Index; Author Index |
| Sommario/riassunto      | Globalization, security infrastructure and energy sustainability can be designed based on a scientific principle. This book approaches these objectives based on constructal theory, which means to design such projects as global 'flow' architectures that are 'alive' with movement of personnel, equipment, information, and education.   |