Record Nr. UNINA9910785797403321 Autore Poletto Marco Titolo Systemic architecture: operating manual for the self-organizing city // Marco Poletto, Claudia Pasquero Abingdon, Oxon [England];; New York, N.Y.:,: Routledge,, 2012 Pubbl/distr/stampa **ISBN** 1-136-33689-3 1-283-58592-8 9786613898371 0-203-12307-7 1-136-33690-7 Descrizione fisica 1 online resource (272 p.) Altri autori (Persone) PasqueroClaudia Disciplina 711/.4 Soggetti Architecture - Environmental aspects City planning 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 Front Cover: Systemic Architecture: Copyright Page: Contents: Preface: Thoughts; The ecology of the self-organizing city; The urban algorithm; Coding as gardening; Algorithmic diverseCity; Architecture as systemic design practice: Discussions: On systemic architecture: The liquid city; Ecology and material culture; Environments [b1]; eco-social frameworks; eco-social landscapes; [b1:1.1] Messina 2012: A Regional Proto-Garden; [b1:1.2] Regimes of Slowness Caracas: Operational Landscapes; [b1:2.3] The Systemic Favela: Design Algorithms for a Social Free-Zone in the Arabic Peninsula [b1:2.4] The World Dubai Marine Life IncubatorsMachines [b2]; fibrous structures; ecoMachines; [b2:1.1] From Fibrous Room to Aqva Garden; [b2:2.2] The STEM series; Behavioural Spaces [b3]; spaces of co-design; spaces of social networking; [b3:1.1] The Cyber-Gardens (Fish & Chips); [b3:1.2] Relational Machines: The Ecological Footprint Grotto; [b3:2.3] FUNclouds; [b3:2.4] Social Network City: Milan 2015 Metropolitan Proto-Garden; Credits; Index Sommario/riassunto This is a manual investigating the subject of urban ecology and

systemic development from the perspective of architectural design. It

sets out to explore two main goals: to discuss the contemporary relevance of a systemic practice to architectural design, and to share a toolbox of informational design protocols developed to describe the city as a territory of self-organization. Collecting together nearly a decade of design experiments by the authors and their practice, ecoLogicStudio, the book discusses key disciplinary definitions such as ecologic urbanism, algorithmic architecture,