



Systemic Architecture: Operating Manual for the Self- Organizing City (Hardback)

By Marco Poletto, Claudia Pasquero

Taylor Francis Ltd, United Kingdom, 2012. Hardback.
Condition: New. New.. Language: English . Brand New Book.
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, bottom-up or tactical design, behavioural space and the boundary of the natural and the artificial realms within the city and architecture. A new kind of real-time world-city is illustrated in the form of an operational design manual for the assemblage of proto-architectures, the incubation of proto-gardens and the coding of proto-interfaces. These prototypes of machinic architecture materialize as synthetic hybrids embedded with biological life (proto-gardens), computational power, behavioural responsiveness (cyber-gardens), spatial articulation (coMachines and fibrous structures), remote sensing (FUNclouds), and communication capabilities (Ecological Footprint Grotto). Supporting the authors own essays and projects are contributions from key innovators in contemporary...

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