



The Architecture of Emergence: The Evolution of Form in Nature and Civilisation

By Michael Weinstock

John Wiley and Sons Ltd. Paperback. Book Condition: new. BRAND NEW, The Architecture of Emergence: The Evolution of Form in Nature and Civilisation, Michael Weinstock, Emergence is one of the most exciting new fields in architecture today, gaining interest from not only academics and students but also leading professionals, with directors from Fosters, Arup and Bentley Systems all attending the most recent symposium on the subject at the Architects Association, London. As a concept, Emergence has captured the zeitgeist, embodying the pervasive cultural interest in genetics and biological sciences. In the sciences, Emergence is an explanation of how natural systems have evolved and maintained themselves, and it has also been applied to artificial intelligence, information systems, economics and climate studies. The potential of the mathematics of Emergence that underlie the complex systems of nature is now being realised by engineers and architects for the production of complex architectural forms and effects, in advanced manufacturing of 'smart' materials and processes, and in the innovative designs of active structures and responsive environments.* The first book to provide a detailed exploration of the architectural and engineering consequences of this paradigm, and a detailed analysis of geometries, processes and systems to be incorporated into...



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