DESCRIPTION

Emergence is an important new concept in artificial intelligence, information theory, digital technology, economics, climate studies, material science and biometric engineering.

It is a development which is set to inform not only the construction of buildings, but also the composition of new materials. As a new science, coupled with material and technological innovations, it is set to enter architecture into a new phase of transition.

This book presents an account of related developments in artificial intelligence and evolutionary computation, and shows how these developments are being incorporated into new architectures.

• This book marks the introduction of a new topic in design

• Includes high quality CAD images

• Accompanies a travelling exhibition, showing in Oslo and Copenhagen

• Includes interviews with Frei Otto and a review of the Advanced Geometry Group at Ove Arup and Partners

ABOUT THE AUTHOR

Michael Hensel, Achim Menges and Michael Weinstock are co-directors of the Emergent Technologies programme at the Architectural Association Graduate School in London. Michael Hensel is a partner in the experimental award-winning practice
Ocean NORTH and Michael Weinstock is Master of Technical Studies at the Architectural Association. The activities of the newly Emergent Technologies programme has already attracted considerable interest internationally with their launch exhibition at the Architectural Association in March 2003. CORUS, British Steel, have also confirmed a commitment to sponsoring the unit's research. The publication is planned to co-incide with a travelling exhibition that will help to promote the issue.