Architecture in Formation: On the Nature of Information in Digital Architecture

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#1147512 in eBooks 2013-10-08 2013-10-08File Name: B00FQGQIRM | File size: 41.Mb

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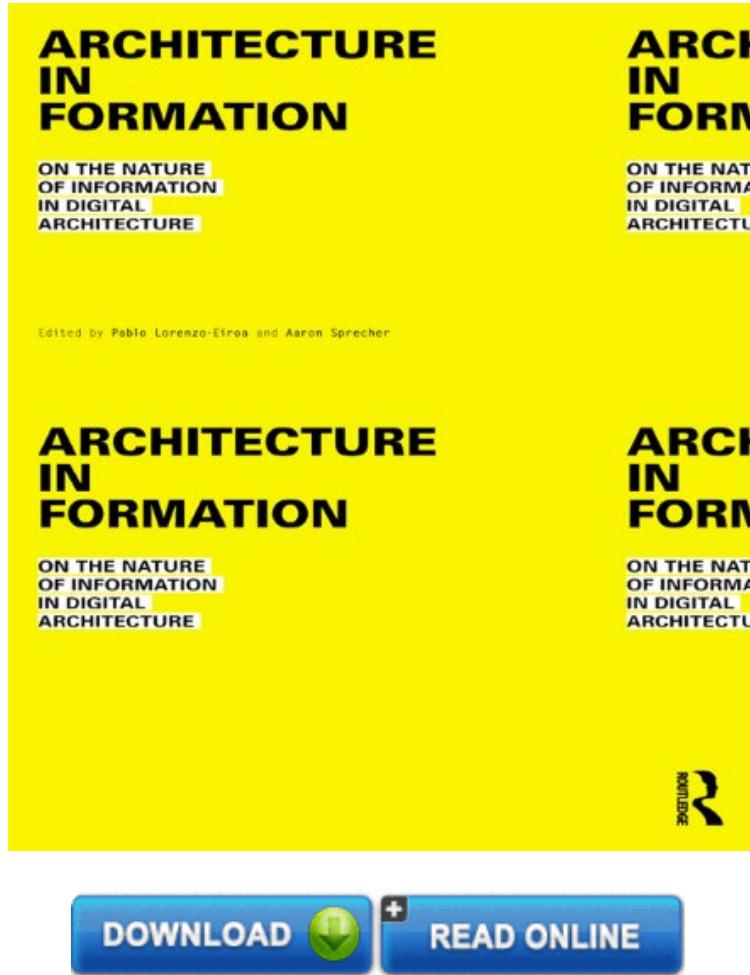
Architecture in Formation is the first digital architecture manual that bridges multiple relationships between theory and practice, proposing a vital resource to structure the upcoming second digital revolution. Sixteen essays from practitioners, historians and theorists look at how information processing informs and is informed by architecture. Twenty-nine experimental projects propose radical means to inform the new upcoming digital architecture. Featuring essays by: Pablo Lorenzo-Eiroa, Aaron Sprecher, Georges Teyssot, Mario Carpo, Patrik Schumacher, Bernard Cache, Mark Linder, David Theodore, Evan Douglis, Ingeborg Rocker and Christian Lange, Antoine Picon, Michael Wen-Sen Su, Chris Perry, Alexis Meier, Achim Menges and Martin Bressani.Interviews with: George Legendre, Alessandra Ponte, Karl Chu, CiroNajle, and Greg Lynn.Projects by: Diller Scofidio and Renfro; Mark Burry; Yehuda Kalay; Omar Khan; Jason Kelly Johnson, Future Cities Lab; Alejandro Zaera-Polo and Maider Llaguno Munitxa; Anna

Dyson / Bess Krietemeyer, Peter Stark, Center for Architecture, Science and Ecology (CASE); Philippe Rahm; Lydia Kallipoliti and Alexandros Tsamis; Neeraj Bhatia, Infranet Lab; Jenny Sabin, Lab Studio; Luc Courschene, Society for Arts and Technology (SAT); Eisenman Architects; Preston Scott Cohen; Eiroa Architects; Michael Hansmeyer; Open Source Architecture; Andrew Saunders; Nader Tehrani, Office dA; Satoru Sugihara, ATLV and Thom Mayne, Morphosis; Reiser and Umemoto; Roland Snooks, Kokkugia; Philip Beesley; Matias del Campo and Sandra Manninger SPAN; Michael Young; Eric Goldemberg, Monad Studio; Francois Roche; Ruy Klein; Chandler Ahrens and John Carpenter.

"We grew accustomed to live together with machines, which provide us endless access to information. Our computational companions, now in our pockets, have had also a profound impact on how we foresee future scenarios of transformation and change. Now is the moment that we reconsider critically the emergence of new paradigms and protocols that computation has determined within architecture, and this collection of essays establishes a potent cornerstone of a much needed history of that recent past." Fabrizio Gallanti, associate director, Canadian Centre for Architecture "It establishes a dialogue between the different fields that question, research, and apply recent digital developments. As such it provides a platform for discussion and questioning, as well as learning." Nathalie Rozencwajg, co-founder of RARE architecture and unit master, Architectural Association, UK "Architecture in Formation expands digital scholarship beyond the tools of creation and the fabricated products to include the theory, processes, and pedagogy of design. This book could serve as a fundamental tool for identifying current trends in digital architecture today that could cross many disciplines." Gregory A. Luhan, Associate Dean for Research, University of Kentucky, USA "Part provocation, part manifesto-by-committee, part historical benchmark, Architecture in Formation is designed as the digital architecture manual for the second digital revolution. Anticipating a merger between theory and practice, the book combines formerly unpublished essays and interviews with architecture professionals, musing on how information processing creates, and is changed by, architecture." Amelia Taylor-Hochberg, Editorial Manager, ArchinectAbout the AuthorPablo Lorenzo-Eiroa is an associate professor adjunct at The School of Architecture of The Cooper Union. Aaron Sprecher is an assistant professor at McGill University School of Architecture.