Neural Architecture
Design and Artificial Intelligence
Matias del Campo

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- First book about an emerging paradigm in architecture
- Among the first in attempting to create a theory around AI and Architecture
- Analytical and insightful approach to a genuine 21st century design technique
- Reaches a large audience including architecture students and professional architects, but also robotics, computer science, and neuroscience audience

This book explores the interdisciplinary project that brings the long tradition of humanistic inquiry in architecture together with cutting-edge research in artificial intelligence. The main goal of **Neural Architecture** is to understand how to interrogate artificial intelligence – a technological tool – in the field of architectural design, traditionally a practice that combines humanities and visual arts. Matias del Campo, the author of **Neural Architecture** is currently exploring specific applications of artificial intelligence in contemporary architecture, focusing on their relationship to material and symbolic culture. AI has experienced an explosive growth in recent years in a range of fields including architecture but its implications for the humanistic values that distinguish architecture from technology have yet to be measured. The book provides an opportunity to survey the emerging field of Architecture and Artificial Intelligence, and to reflect on the implications of a world increasingly entangled in questions of the agency, culture and ethics of AI.

Matias del Campo is a registered architect, designer and educator. Founded together with Sandra Manninger in Vienna 2003, SPAN is a globally acting practice best known for their application of contemporary technologies in architectural production. Their award-winning architectural designs are informed by advanced geometry, computational methodologies, and philosophical inquiry.