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Artificial Intelligent Architecture

New Paradigms in Architectural Practice and Production

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- First book to explore Artificial Intelligence production in architecture through both theory and praxis lenses
- Collection of some of the most creative voices from around the world producing in this emerging way of producing designed objects
- Features incredibly beautiful projects and novel ideas using artificial intelligence
- Includes an introduction to prompts that can be used to create new beautifully designed spaces and forms
- No book on artificial intelligence has gathered so many creative voices in one place and curated the work into a single resource

The impact of artificial intelligence in the discipline of architecture is unavoidable and undeniable. The recent mass adoption of highly accessible machine learning tools including DALL-E, Stable Diffusion, and Midjourney has allowed designers to test their limits and assess their role as an author in the design of the built environment. This book includes speculations on the introduction of artificial intelligence bots/apps into architecture and features a collection of works from 18 architects and designers who are interrogating current AI applications. Within each chapter, authors put forth a position through a framework consisting of theory and application lenses. Additionally, interviews from leading practitioners will offer insights into the current curiosities fuelling investigation.

This book will incite dialogue about the potential of AI as an ideation device and extension of the architect's authorship. As a part of this work, curation plays an important role as the technology generates content at an incredible pace. Architectural design thinking will have to reconcile the injection of this new tool and this book will speculate on the current state in its infancy.

Frank Jacobus is an artist, educator, co-principal of SILO AR+D, and associate professor at the Fay Jones School of Architecture and Design. As principal of SILO, Frank has completed residential and institutional projects across the United States for a variety of clients and communities. Renowned for its resourceful design and execution, SILO's work has been featured by the *Wall Street Journal, CNN, Architect*, the *Architect's Newspaper, Azure, Slate, Dwell, Salon, Fast Company*, and others.

Brian M. Kelly is an NCARB-certified, licensed architect in the State of Nebraska and an associate professor of architecture at the University of Nebraska. He teaches studios at all levels of the curriculum ranging from design thinking in the introductory core to design research studios in the Master's program. Brian's research focus is broadly investigating the agency of authorship in the design process, specifically interrogating copyright and appropriation within software applications.

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