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Kasper Sánchez Vibæk  
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ROUTLEDGE RESEARCH IN ARCHITECTURE

## ARCHITECTURAL SYSTEM STRUCTURES

*Integrating design complexity in  
industrialised construction*

KASPER SÁNCHEZ VIBÆK



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Kasper Sánchez Vibæk : Architectural System Structures: Integrating Design Complexity in Industrialised Construction (Routledge Research in Architecture) before purchasing it in order to gage whether or not it would be worth my time, and all praised Architectural System Structures: Integrating Design Complexity in Industrialised Construction (Routledge Research in Architecture):

This book proposes a system structure in architectural design that conceptualises a systemic level in architecture and construction that lies between general construction techniques and specific architectural results. In order to make such a system structure operational, the elaboration of a model seeks on the one hand to analytically grasp and on the other hand to make it possible to actively work with system structures as part of architectural design. Kasper Sanchez Vibæk's ambition is to bridge an apparent and increasing gap between architectural ideation and the way these ideas are brought to life as real physical manifestations of our built environment. In line with the so-called systems sciences the book rejects the prevalent scientific view that the degree of detail 'automatically' enhances understanding and explanatory power of complex phenomena. It establishes the idea of a systems view on buildings and architectural design that through the use of flexible constituent elements facilitates discussion and decision making about how architectural wholes are appropriately put together as assemblages of what the current and future building industry is capable of producing. Based on several years of detailed research into the architectural consequences of construction when exposed to industrialised production techniques and systems, *Architectural System Structures* represents a new way to look at what is already there and is useful for all those interested in the processes of architectural creation and realisation specifically attached to time, place and cultural context.

About the Author Kasper Sánchez Vibæk is former Associate Professor at CINARK, the Royal Danish Academy of Fine Arts, School of Architecture, Copenhagen, Denmark. Presently working with system architecture, quality, and sustainability in Kvadrat Soft Cells that develop, produce and sell acoustic solutions with high design content for construction projects worldwide.