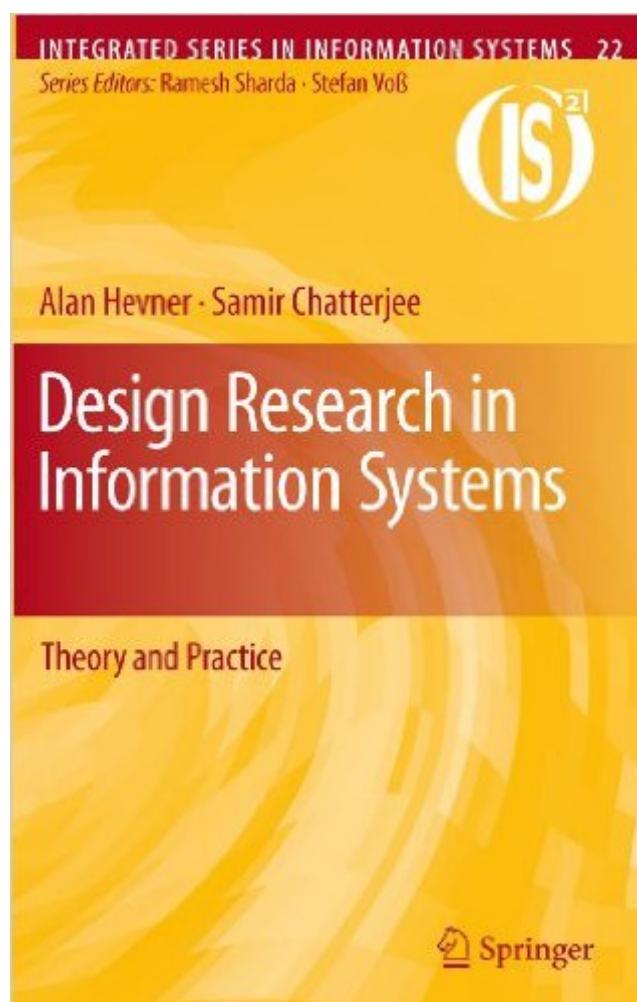


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# Design Research In Information Systems: Theory And Practice: 22 (Integrated Series In Information Systems)



## **Synopsis**

It is 5 years since the publication of the seminal paper on "Design Science in Information Systems Research" by Hevner, March, Park, and Ram in MIS Quarterly and the initiation of the Information Technology and Systems department of the Communications of AIS. These events in 2004 are markers in the move of design science to the forefront of information systems research. A sufficient interval has elapsed since then to allow assessment of from where the field has come and where it should go. Design science research and behavioral science research started as dual tracks when IS was a young field. By the 1990s, the influx of behavioral scientists started to dominate the number of design scientists and the field moved in that direction. By the early 2000s, design people were having difficulty publishing in mainline IS journals and in being tenured in many universities. Yes, an annual Workshop on Information Technology and Systems (WITS) was established in 1991 in conjunction with the International Conference on Information Systems (ICIS) and grew each year. But that was the extent of design science recognition. Fortunately, a revival is underway. By 2009, when this foreword was written, the fourth DESRIST conference has been held and plans are afoot for the 2010 meeting. Design scientists regained respect and recognition in many venues where they previously had little.

## **Book Information**

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## Customer Reviews

This book is a superb resource for people engaged in applied science / engineering research in the Information Systems domain. I have a core set of readings that every Ph.D. student should master to regard themselves as educated scientists. Among those are Stebbins (2001) Exploratory Research in the Social Sciences; Popper(2002) The Logic of Scientific Discovery; Dubin (1978) Theory Building; Yin (2003) Case study Research:Design and Methods; Shadish, Cook, and Campbell, Experimental and quasi-experimental designs for generalized causal inference; and now Hevner and Chatterjee,2010, Design Science Research. From the first week of its publication, I made it required reading for all my doctoral students. The lays out the scope and purpose of Design Science, positions it with respect to other research approaches, and then examines a number of philosophical and pragmatic considerations for the design science researcher. Robert O. Briggs Professor of Information Systems

It was amazing to notice, from the beginning, a clear differentiation between Information Systems and Information Technology. After that, a clear definition, meaning or concept of words and terms used in this new knowledge field contributes to construct a solid "how-to" for people working on systems design research. A huge number of references, some classical like Jay Forrester's Industrial Dynamics, others interestingly unusual as those on Flow Theory by Cskszentmihalyi, and mostly recent articles, certify the comprehensiveness of the approach. I strongly recommend this book for all Information Systems students and professionals wanting to have an unclouded view of this Science and a broad perspective of future opportunities.

A good read even if you are not a academic researcher. I found the ideas in this book innovative and relevant to many fields of design. I enjoyed exploring the methods of performing rigorous design for information systems and the human-based methods for use of these systems.

This book is very useful to me as a researcher, because it summarizes very well various concepts and approaches to design science. The book is a great guide on how to develop, build and evaluate IS artifacts. It is written in a very clear and understandable manner. The authors use a lot of examples and references to prior research projects. They provide a good context for design science and build the gap between theory and practice. I think this book is a must read for both researchers

and IS practitioners, as it addresses real life problems using a rigorous scientific approach.

The book was written in a clear and concise manner, with a plethora of citations. I liked the book because it divides the concept of "Design Science Research" in chunks, helping to bring newcomers of the field up to speed. The book is highly recommended for any researchers who are exploring the possibility of using Design Science Research methodology, as well as seasoned researchers who are brushing up on DSR.

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