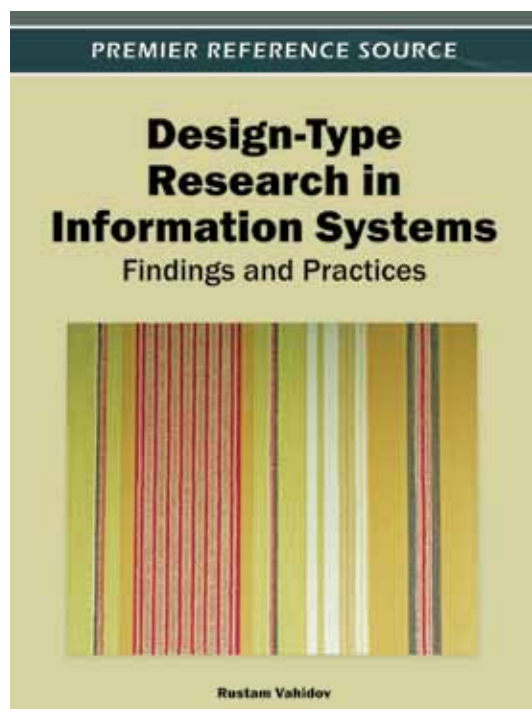


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## Design-Type Research in Information Systems: Findings and Practices



Rustam Vahidov (Concordia University, Canada)

Design-type research deals with the multidisciplinary issues of methodology of design, design principles and guidelines, and philosophy of design with the aim of producing knowledge that aids designers in becoming more effective and efficient.

**Design-Type Research in Information Systems: Findings and Practices** aims to demonstrate that Design-Type Research is a legitimate scientific activity, particularly in the context of the field of Information Systems. Contending that the philosophy, methodology and principles of traditional science also apply to design-type of science, the research contained within this book is important to the widespread acceptance and promotion of design-type research.

### Topics Covered:

- Artifacts
- Design Problems
- Design Research
- Developments in Information Science Research
- Differences between Traditional Science and Design-Type Research
- Electronic Negotiation Systems
- Information Science Classification Frameworks
- Ockham's Razor
- Representing Meta-Artifacts
- Zachman's Model for Information Architecture

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**Rustam Vahidov** is an Associate Professor of Management Information Systems at the Department of Decision Sciences and MIS, John Molson School of Business, Concordia University (Montreal, Quebec, Canada). He received his Ph.D. from Georgia State University in 2000. Dr. Vahidov has published papers in a number of academic journals, including *Journal of MIS*, *Decision Support Systems*, *Information and Management*, *E-Commerce Research and Applications*, *IEEE Transactions on Systems, Man and Cybernetics*, *Fuzzy Sets and Systems*, and several others. His primary research interests include: decision support systems, design science research, software agents, e-commerce systems, distributed artificial intelligence and multi-agent systems, negotiation systems, data mining, fuzzy logic, and genetic algorithms.

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