Systems of Systems

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Luzeaux, D. and Ruault, J.R. 2010. *Systems of Systems* New York, NY, USA: John Wiley & Sons.

Disambiguation

- Systems of Systems - reference by Lefever (current article)
- system of systems (sos) - SEBoK definition for the term "system of system"
- Systems of Systems (SoS) - SEBoK knowledge area covering the scope of systems engineering

Usage

This source is considered a primary reference for the following articles:

- Determining Needed Systems Engineering Capabilities in Businesses and Enterprises
- Value of Service Systems Engineering
- Scope of Service Systems Engineering
- Use Case 2: Other Engineers

Annotation

This book provides a multidisciplinary introduction to system of systems (SoS) and addresses the concept and practical illustrations discussed extensively in the current scientific and technical literature. The book presents strategies to understand how complex SoS can be realized and mastered. The book also presents methods and tools focused on SoS engineering and modeling, including eliciting stakeholder needs, architecture optimization, integration of constituent

systems, qualification, and utilization.

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