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Autore	Tudevdagva Uranchimeg
Titolo	Structure-Oriented Evaluation : An Evaluation Approach for Complex Processes and Systems // by Uranchimeg Tudevdagva
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ISBN	3-030-44806-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (99 pages)
Disciplina	620.0044
Soggetti	Electronic circuits Computational complexity Technical education Circuits and Systems Complexity Engineering/Technology Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Evaluation approaches for complex systems -- Theoretical foundation of structure oriented evaluation -- Early examples with e-learning -- Examples for complex systems with simulated data -- Guideline for use of structure oriented evaluation model.
Sommario/riassunto	This book introduces a new branch of evaluation theory, where evaluation and score calculation are embedded into general measure theory, as is typical in geometry, probability theory and reliability theory. The author describes the theoretical background of new evaluation model for complex processes, where interests of involved groups are considered as multi-players of evaluation process. Readers will learn how the logical structure of a process/system can be included into an evaluation. The author applies these techniques not only to the visualization of evaluation goals, but also the designed logical structure becomes the basis for calculation of evaluation scores. Various examples are provides to demonstrate the implementation of the methods. Introduces a new branch of evaluation theory; Shows how the

logical structure of a process/system can be included into an evaluation; Offers readers advantage over linear evaluation methods, since no weight factors are needed.
