



## Software Engineering 3

By Dines Bjørner

Springer Mrz 2006, 2006. Buch. Book Condition: Neu. 235x155x48 mm. This item is printed on demand - Print on Demand Titel. Neuware - The art, craft, discipline, logic, practice, and science of developing large-scale software products needs a believable, professional base. The textbooks in this three-volume set combine informal, engineeringly sound practice with the rigour of formal, mathematics-based approaches. Volume 3 is based on the maxim: 'Before software can be designed its requirements must be well understood, and before the requirements can be expressed properly the domain of the application must be well understood.' This book covers the process from the development of domain descriptions, via the derivation of requirements prescriptions from domain models, to the refinement of requirements into software designs, i.e., architectures and component design. Emphasis is placed on what goes into proper domain descriptions and requirements prescriptions, how one acquires and analyses the domain knowledge and requirements expectations, and how one validates and verifies domain and requirements models. The reader can take an informal route through Vol. 3, and this would be suitable for undergraduate courses on software engineering. Advanced students, lecturers, and researchers may instead follow the formal route through Vol. 3, and in this case Vol. 1 is...

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