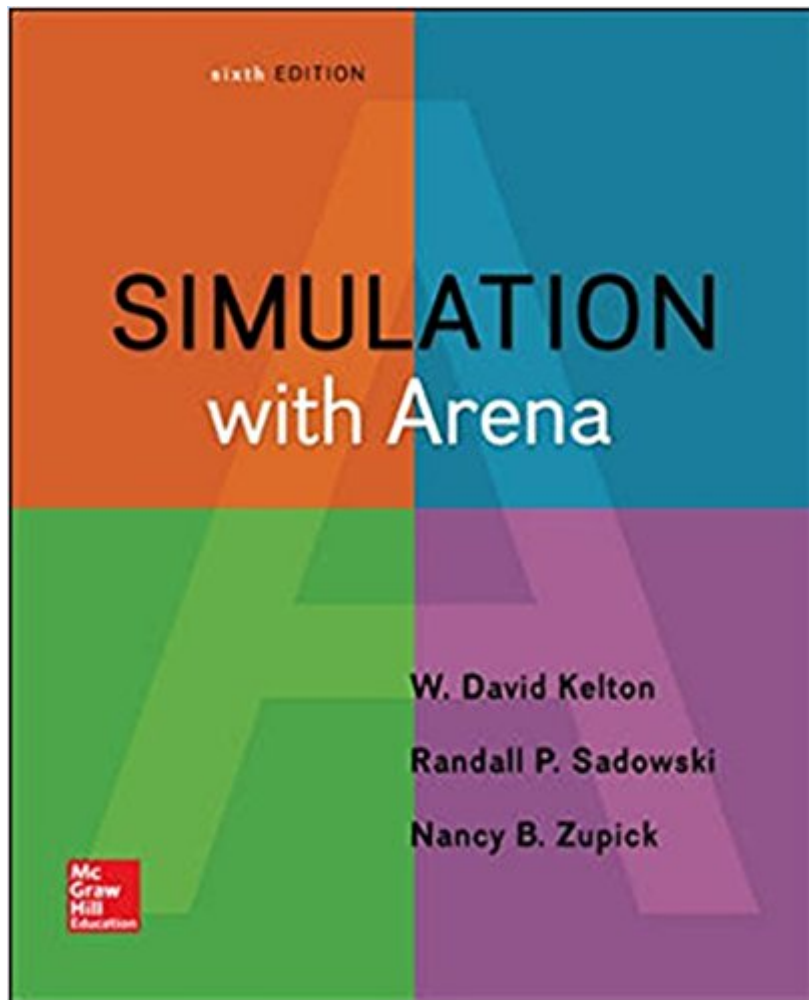




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Simulation With Arena (Irwin Industrial Engineering)



Synopsis

Simulation with Arena provides a comprehensive treatment of simulation using industry-standard Arena software. The textbook begins by having the reader develop simple high-level models, and then progresses to advanced modeling and analysis. Statistical design and analysis of simulation experiments is integrated with the modeling chapters, reflecting the importance of mathematical modeling of these activities. An informal, tutorial writing style is used to aid the beginner in fully understanding the ideas and topics presented. The academic version of Arena and example files are also available through the book's website. McGraw-Hill Education's Connect, is also available as an optional, add on item. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that class time is more effective. Connect allows the professor to assign homework, quizzes, and tests easily and automatically grades and records the scores of the student's work. Problems are randomized to prevent sharing of answers and may also have a "multi-step solution" which helps move the students' learning along if they experience difficulty.

Book Information

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Customer Reviews

I'm an operations professional currently evaluating several simulation software packages for use in our process improvement efforts at my organization. My recommendation is going to be to go with Arena, in large part due to this book. It is by far the best tutorial on simulation in general and Arena

in particular that I have found. The authors thoroughly cover the nuances of simulation and Arena through an effective combination of theory and hands on practice using Arena to build functioning models. Kudos to Rockwell for having such a liberal trial policy regarding the Arena download. Being able to work through the book with a full-blooded version of Arena is a real confidence builder. Though pricey (I originally used 's textbook rental service to test the waters), after only three chapters I shelled out my own money to buy the book - it's that good.

This is one of the best text books in existence. If you work all the problems and exercises, you will know how to create simulations in Arena. You will also have a thorough knowledge of the concepts of general simulations.

Textbook is very concise in explaining the Systems Engineering process in Modeling and Simulation. Great examples to work through if you want to gain Arena skills.

As far as textbooks for school go this one is a winner. The writers have a sense of humor and it's an easy read. Just some advice though, I would definitely go on youtube to learn the basics.

Book is quite verbose for such an unused software.

Great book.

Is an expensive book, but is a good book if you wanna learn how to use Arena Simulation.

Great book on Arena software

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