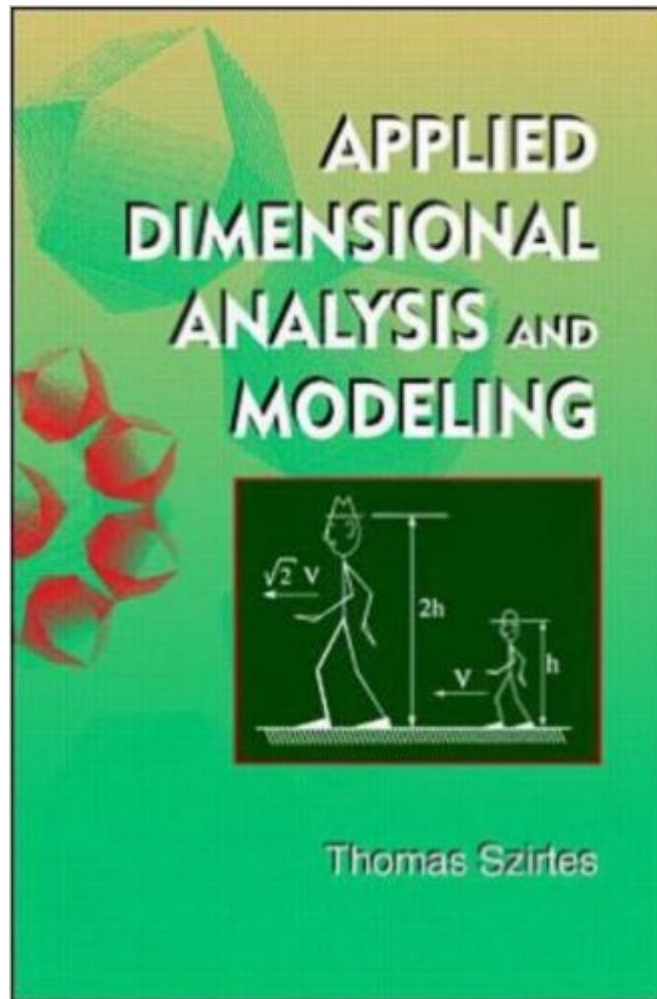


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# Applied Dimensional Analysis And Modeling



## Synopsis

Learn to apply the "dimensional method" to facilitate the design and testing of engineering and physical systems—and greatly accelerate the development of products. This is the first book to offer a practical approach to modeling and dimensional analysis, emphasizing the interests and problems of the engineer and applied scientist. Packed with illustrations, graphs, numeric tables, and concrete case studies, this in-depth reference work explains both dimensional analysis and scale modeling...concisely describes constructions of dimensional systems, including SI (metric) and Imperial (U.S.)...and provides over 250 worked-out examples drawn from engineering, applied physics, biomechanics, astronomy, geometry, and economics .

## Book Information

Hardcover: 790 pages

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Product Dimensions: 6.2 x 1.7 x 9.1 inches

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Average Customer Review: 4.0 out of 5 stars— See all reviews— (1 customer review)

Best Sellers Rank: #1,122,803 in Books (See Top 100 in Books) #152 in Books > Engineering & Transportation > Engineering > Reference > Measurements #1819 in Books > Science & Math > Experiments, Instruments & Measurement #2637 in Books > Textbooks > Science & Mathematics > Earth Sciences

## Customer Reviews

An incredibly easy book to read. I found I could go from section to section and extract the knowledge that needed at that time. Sometimes I just pick it up and open it at random and I often get something new out of it. After being exposed to this book you can see how dimensional analysis is something that most of us should be capable of applying to those problems that lend themselves to no other approach. The only reason I gave it 4 and not 5 was because I would have liked to see more financial examples and I don't think amperes should be considered a fundamental unit. One of the best technical books I have bought.

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