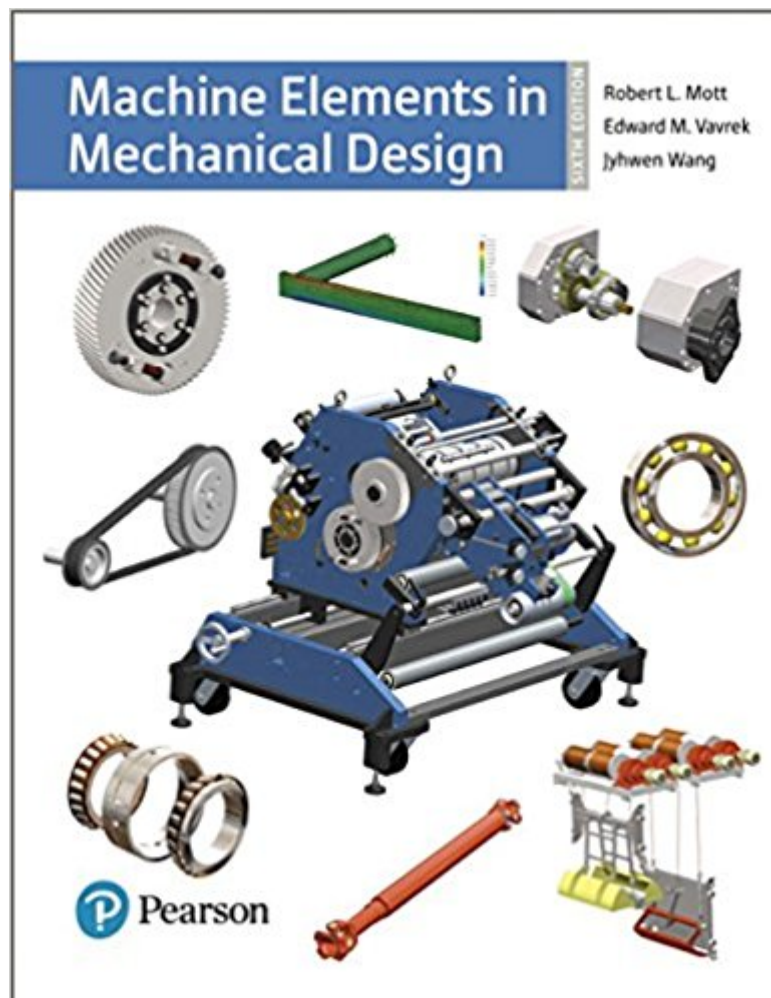




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# Machine Elements In Mechanical Design (6th Edition) (What's New In Trades & Technology)



## Synopsis

The concepts, procedures, data, and analysis techniques needed to design and integrate machine elements into mechanical devices and systems. For over three decades students and practicing engineers have used *Machine Elements in Mechanical Design* to learn about the principles and practices of mechanical design. They have either continued to use the text in their careers, or have newly discovered it as an invaluable resource in their work. With an emphasis on applying the technology of various machine elements while considering those elements in the context of the larger machine, this text references a broad array of available resources, from industrial sources to professional organizations. It promotes practical decision making in design and provides excellent preparation for moving from an academic environment to a professional position with strong, long-term growth potential. Continuing the book's emphasis on proven approaches and the use of readily available materials, and its focus on practical, safe, and efficient design, this edition includes new content and adjustments contributed by the two new coauthors and features stronger technical content in stress analysis, a wider set of technical topics, and beautiful enhancements to the visual attractiveness of the book throughout numerous new full-color graphic illustrations. Appreciated for its readability, while recognized for its technical strength and comprehensive coverage of the material, *Machine Elements in Mechanical Design* is the ideal guide to the skills and knowledge needed for success in this field.

## Book Information

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## Customer Reviews

Robert L. Mott is professor emeritus of engineering technology at the University of Dayton. He is a member of ASEE, SME, and ASME. He is a Fellow of ASEE and a recipient of the ASEE James H. McGraw Award and the Archie Higdon Distinguished Educator Award from the Mechanics Division. He is a recipient of the SME Education Award. He holds the Bachelor of Mechanical Engineering degree from General Motors Institute (Now Kettering University) and the Master of Science in Mechanical Engineering from Purdue University. He has authored three textbooks; *Applied Fluid Mechanics*, 7th Edition (2015) and *Machine Elements in Mechanical Design*, 6th Edition (2018), published by Pearson/Prentice-Hall; and *Applied Strength of Materials*, 6th Edition (2017) published by CRC Press. His work experience includes serving as a research engineer for General Motors Corporation, consulting for industrial clients, working for the University of Dayton Research Institute, leading the Center for Advanced Manufacturing for UDRI, and expert witness for accident analysis cases for industrial and automotive accident cases. He has also served as a senior personnel for 12 years for the NSF-sponsored National Center for Manufacturing Education based in Dayton, Ohio.

Edward M. Vavrek is an associate professor in mechanical engineering technology at Purdue University Northwest, located at the Westville, IN campus, an extension of Purdue University. He is a member of AGMA, ASME, and ASEE. He received his Bachelor of Science in Mechanical Engineering from Purdue University Calumet, Masters in Business Administration from Indiana University Northwest, and Masters in Mechanical and Aeronautical Engineering from the Illinois Institute of Technology. He has significant industrial experience in design and development of machinery, using SolidWorks and Inventor, within the printing/converting, shipbuilding, railroad, steel mill, and automotive industries. He has presented multiple papers on his software developed for the area of machine design. He holds one U.S. patent. He also does extensive private consulting in mechanical design that is highly relevant to the content of this book.

Dr. Jyhwen Wang, Ph.D. is a professor with dual appointment in the departments of Engineering Technology and Industrial Distribution and Mechanical Engineering at Texas A&M University in College Station, TX. He holds the degrees of Ph.D. in Mechanical Engineering and Master of Engineering in Manufacturing Engineering from Northwestern University in Evanston, IL, the M.S. in Industrial Engineering and Operations Research from Syracuse University in Syracuse, NY, and the B.S. in Industrial Engineering from Tunghai University in Taichung, Taiwan. He has significant industrial experience with Weirton Steel Corporation in Weirton, West Virginia along with consulting for several organizations. He has participated in funded research and education projects as PI or Co-PI. He is a Fellow of the American Society of Mechanical Engineers and the Society of Manufacturing Engineers. Professional society memberships include ASME, ASEE, SME,

NAMRI/SME (North American Manufacturing Research Institute), and NADDRG (North American Deep Drawing Research Group). He has written book sections for Manufacturing Processes for Engineering Materials (2003) and Manufacturing Engineering and Technology (2001) by Kalpakjian and Schmid published by Prentice Hall.

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