

Engineering Design: A Systematic Approach

By Gerhard Pahl, Wolfgang Beitz



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This is the second, enlarged and updated edition of Pahl & Beitz which has established itself as a key text in Engineering Design. The translation is by Ken Wallace of the University of Cambridge with the assistance of Lucienne Blessing and Frank Bauert. In order to increase the chances of success for new engineering products, the design process must be carefully planned and systematically executed. For this to be possible, the design process must be broken down into phases and steps. This study lays down a strategy for this process and brings together the extensive body of knowledge about modern approaches to systematic design. No other book in English provides so detailed and thorough an approach to engineering and design methodology.



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Editorial Review

Review

On the second edition of this title:

"With a renewed interest in the critical role product design plays in maintaining economic competitiveness, American designers would be well advised to become thoroughly acquainted with this wealth of information."

American Scientist

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