
ENGINEERING MECHANICS

VOLUME 1

STATICS

SIXTH EDITION

SI VERSION

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overview of the design of an aerospace vehicle This text then explains the fundamentals of microcomputers and the use of computer aided data acquisition in a mechanical measurements course Other chapters provide a brief explanation for the heavy use of graphics which is applied when comparing graphical input to numerical input This book presents as well a summary of work on a project that combines computer aided instruction CAI and artificial intelligence AI The final chapter deals with the establishment of a joint venture between universities and industry whereby the university utilizes equipment provided by industry to solve some of the existing problems This book is a valuable resource for engineering students and practicing engineers **British Books in Print** ,1985 **Applied Mechanics Reviews** ,1972 **Choice** Richard K. Gardner,Phyllis Grumm,1976 **Philippine national bibliography** ,1988 **Blind Estimation Using Higher-Order Statistics** Asoke Kumar Nandi,2013-04-17 In the signal processing research community a great deal of progress in higher order statistics HOS began in the mid 1980s These last fifteen years have witnessed a large number of theoretical developments as well as real applications Blind Estimation Using Higher Order Statistics focuses on the blind estimation area and records some of the major developments in this field Blind Estimation Using Higher Order Statistics is a welcome addition to the few books on the subject of HOS and is the first major publication devoted to covering blind estimation using HOS The book provides the reader with an introduction to HOS and goes on to illustrate its use in blind signal equalisation which has many applications including mobile communications blind system identification and blind sources separation a generic problem in signal processing with many applications including radar sonar and communications There is also a chapter devoted to robust cumulant estimation an important problem where HOS results have been encouraging Blind Estimation Using Higher Order Statistics is an invaluable reference for researchers professionals and graduate students working in signal processing and related areas Engineering Education ,1990 **Statistics of Land-grant Colleges and Universities** United States. Office of Education,1931 The British National Bibliography Arthur James Wells,1998 *Scientific and Technical Books and Serials in Print* ,1984

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