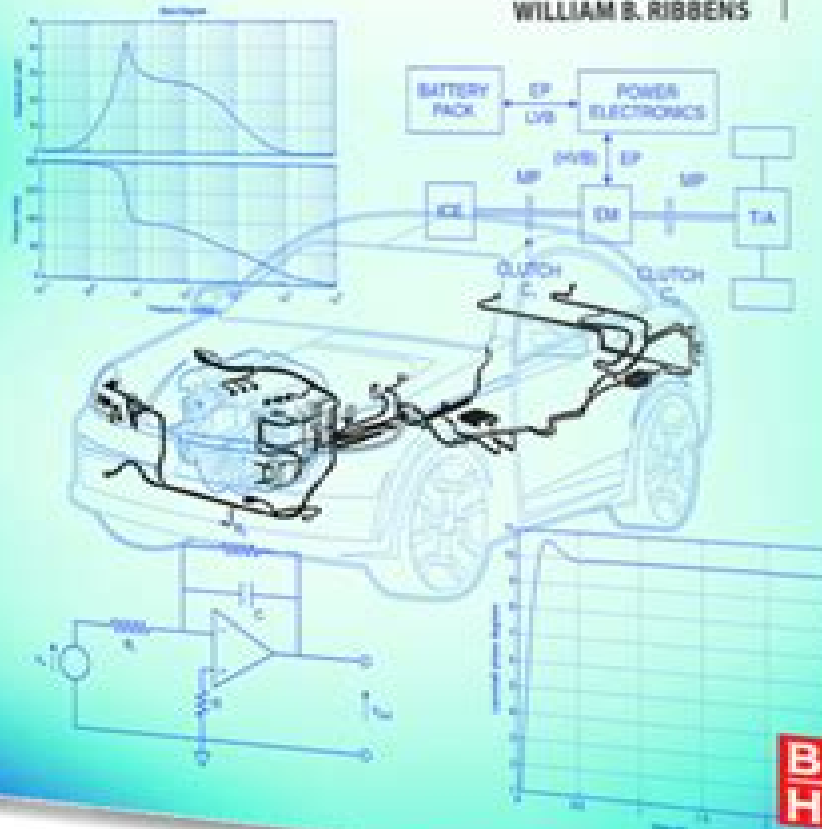


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An Engineering Perspective

WILLIAM B. RIBBENS

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Understanding Automotive Electronics

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Publishers,1999-06-01 This brand new series of 18 videotapes is excellent for the beginning automotive student They provide a visual introduction to understanding and diagnosing all major systems of the automobile Each theory tape introduces the purpose of the system its major components and provides an explanation of the system s functions Coupled with a troubleshooting tape the student is given a general overview of common problems confronted in the workplace With the same diagnosis procedures used throughout the videos procedures are reinforced through repetition An Instructor s Manual includes review questions to help track student s progress and comprehension of the videos

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Automobile Electronics Eric Chowanietz,1995 This concise and up to date guide introduces the fundamentals of automobile electronic systems concentrating on technology in production since the late 1980s The book will be ideal for courses in further and higher education where students need to gain an understanding of current technology It is also an ideal resource for anyone seeking to update their own knowledge in this fast moving field Although they may do very different jobs all sophisticated automobile electronic control systems work in fundamentally the same way and comprise a microcomputer system that communicates with the outside world via various sensors and actuators The emphasis is very much on the building up a good knowledge base in electrical and electronic principles and guiding the reader through the fundamentals of microprocessor systems and their control strategies Vehicle specific applications will then be illustrated through case studies drawn from a wide variety of different manufacturer s products Simple analogies to the everyday world are presented wherever possible and jargon is avoided With a good grounding in microprocessor systems and exposure to a broad range of example applications the reader should be able to understand the functioning of new and different automotive electronic systems as they appear on the market Eric Chowanietz is a Senior Lecturer in the dept of Electrical and Electronics Engineering at De Montfort University He has industrial links with Rover Philips Electronics the Transport Road Research Lab General Motors ATP Electronics and Delco Electronics amongst others

Automotive Engineering ,1992 *Radio-electronics* ,1984 **Popular Electronics** ,1982 Motor Industry Magazine ,2007-02 **Final Program** ,1999

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