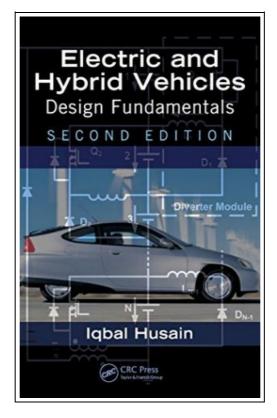
Electric and Hybrid Vehicles: Design Fundamentals (Hardback)



Filesize: 2.46 MB

Reviews

This publication is really gripping and exciting. It really is basic but unexpected situations in the 50 % in the book. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Prof. Salvador Lynch)

ELECTRIC AND HYBRID VEHICLES: DESIGN FUNDAMENTALS (HARDBACK)



To save Electric and Hybrid Vehicles: Design Fundamentals (Hardback) eBook, you should access the button listed below and save the document or get access to additional information which are related to ELECTRIC AND HYBRID VEHICLES: DESIGN FUNDAMENTALS (HARDBACK) ebook.

Taylor Francis Inc, United States, 2010. Hardback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. Thoroughly updated to encompass the significant technological advances since the publication of the first edition, Electric and Hybrid Vehicles: Design Fundamentals, Second Edition presents the design fundamentals, component sizing, and systems interactions of alternative vehicles. This new edition of a widely praised, bestselling textbook maintains the comprehensive, systems-level perspective of electric and hybrid vehicles while covering the hybrid architectures and components of the vehicle in much greater detail. The author emphasizes technical details, mathematical relationships, and design guidelines throughout the text. New to the Second Edition * New chapters on sizing and design guidelines for various hybrid architectures, control strategies for hybrid vehicles, powertrain component cooling systems, and in-vehicle communication methods * New sections on modeling of energy storage components, tire-road force mechanics, compressed air-storage, DC/DC converters, emission control systems, electromechanical brakes, and vehicle fuel economy * Reorganization of power electronics, electric machines, and motor drives sections * Enhanced sections on mechanical components that now include more technical descriptions and example problems * An emphasis on the integration of mechanical and electrical components, taking into account the interdisciplinary nature of automotive engineering As an advisor to the University of Akron s team in the Challenge X: Crossover to Sustainable Mobility, Dr. Husain knows first-hand how to teach students both the fundamentals and cutting-edge technologies of the next generation of automotives. This text shows students how electrical and mechanical engineers must work together to complete an alternative vehicle system. It empowers them to carry on state-of-the-art research and development in automotive engineering in order to meet today s needs of clean, efficient, and sustainable vehicles.



Read Electric and Hybrid Vehicles: Design Fundamentals (Hardback) Online Download PDF Electric and Hybrid Vehicles: Design Fundamentals (Hardback)

Relevant Kindle Books



[PDF] Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Follow the hyperlink under to download "Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" document.

Save ePub »



[PDF] Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Follow the hyperlink under to download "Games with Books: Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" document.

Save ePub »



[PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Follow the hyperlink under to download "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" document.

Save ePub »



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Follow the hyperlink under to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" document.

Save ePub »



[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Follow the hyperlink under to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" document.

Save ePub »



[PDF] Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

Follow the hyperlink under to download "Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang (Chinese Edition)" document.

Save ePub »