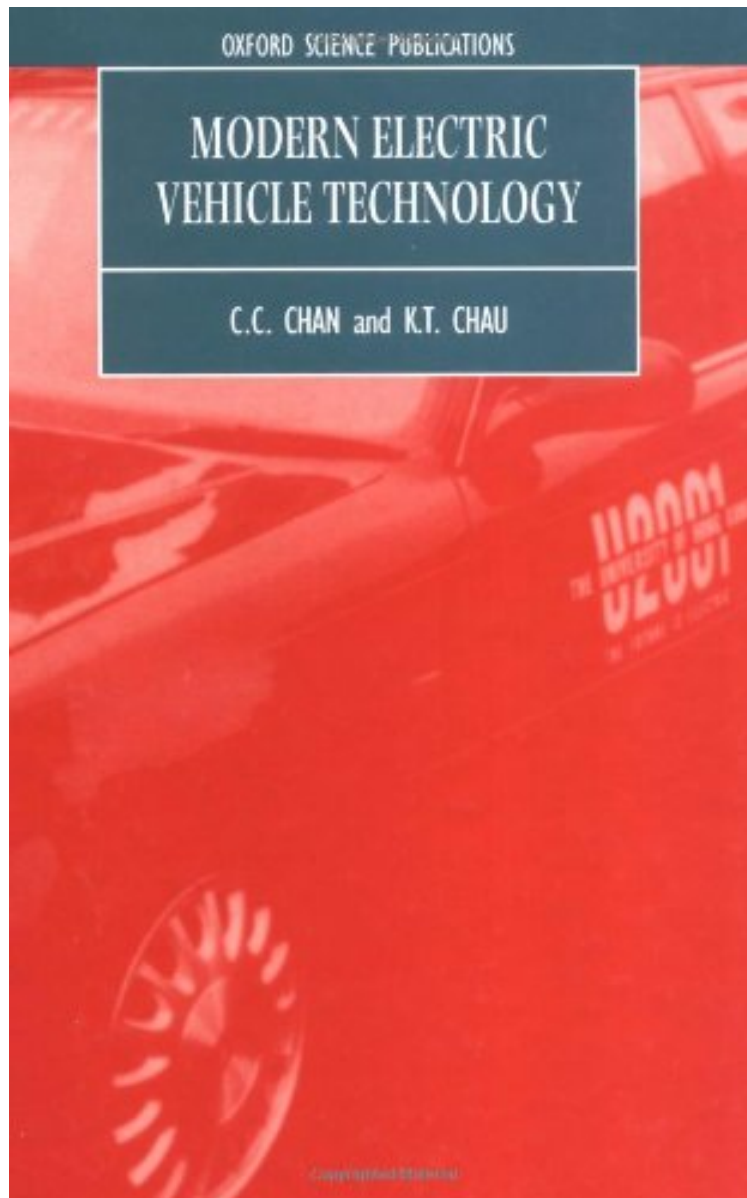


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## Modern Electric Vehicle Technology

*C. C. Chan, K. T. Chau*

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Modern Electric Vehicle Technology covers multidisciplinary aspects of electric vehicles (EVs), and is written for a wide coverage of readers including students, researchers, engineers and administrators. This book is probably the first comprehensive reference book on electric vehicles that includes the following distinct features; It concisely and precisely reviews the state of the art of EV technology and the historical development of EVs, presents the engineering philosophy of electric vehicles. Identifies new configurations, concepts and classifications of modern EV and hybrid EV (HEV) systems. Provides in-depth discussions on electric propulsion systems, emerging EV energy sources and latest EV auxiliaries. Presents the concept of system level simulation and a dedicated EV simulator for system optimisation. and discusses the key issues relating to commercialisation and implementation of EVs.

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About the Author  
C.C. Chan is The Honda Chair Professor of Engineering, Director of the International Research Centre for Electric Vehicles, The University of Hong Kong. K.T. Chau is an Associate Professor, Co-Director of the International Research Centre for Electric Vehicles, The University of Hong Kong.