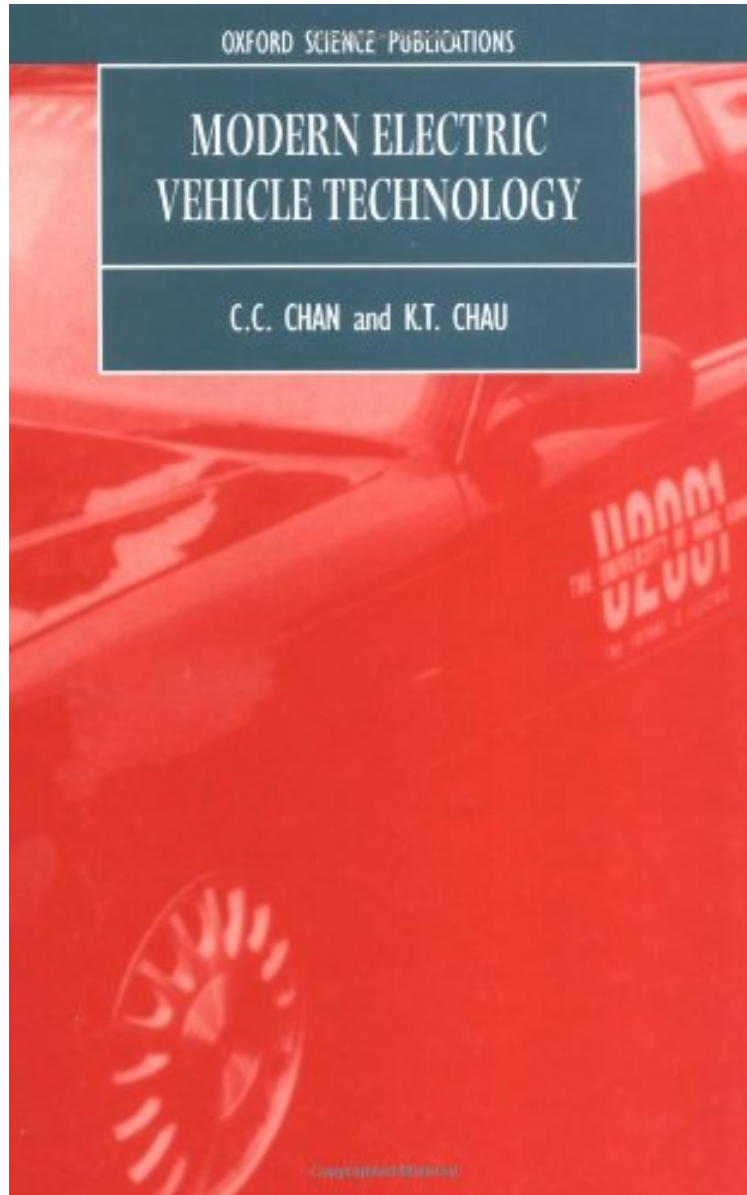


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## Modern Electric Vehicle Technology

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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.

"In the last few decades the EV has, as it were, made noises off stage and been glimpsed occasionally peeking round the curtain as if assessing the audience. Chan and Chau are unabashed enthusiasts for the EV. Their backstage work has been assiduous and careful over the last 20 years. They are part of a relatively small but growing corps of automotive engineers sensing that the audience may be ready."--Power Engineering Journal  
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.