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## ELECTRIC AND HYBRID ELECTRIC VEHICLES

AUTHOR(S): Ronald K. Jurgen

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Edited by Ronald K. Jurgens



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This book features 12 SAE technical papers, published from 2008 through 2010, that provide an overview of research on topics such as: The CO<sub>2</sub> benefits of electrification; The effects of aggressive driving behaviour; Heat recovery in hybrid vehicles; The impact of drive cycles on PHEV component requirements; Energy management strategies using game theory and other approaches

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Electric and Hybrid-Electric Vehicles  
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This book features 13 SAE technical papers, published from 2008 through 2010, that provide an overview of research on electric vehicle engines and powertrains. Topics include: Hybrid-electric vehicle transmissions and propulsion systems; The development of a new 1.8-liter engine for hybrid vehicles; Vehicle system control software validation; The impact of hybrid-electric powertrains on chassis systems and vehicle dynamics; High-torque density motors, and interior permanent magnet synchronous motors

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