



Vehicular Electric Power Systems: Land, Sea, Air, and Space Vehicles (Hardback)

By -

Taylor Francis Inc, United States, 2003. Hardback. Book Condition: New. 236 x 161 mm. Language: English . Brand New Book. Vehicular Electric Power Systems: Land, Sea, Air, and Space Vehicles acquaints professionals with trends and challenges in the development of more electric vehicles (MEVs) using detailed examples and comprehensive discussions of advanced MEV power system architectures, characteristics, and dynamics. The authors focus on real-world applications and highlight issues related to system stability as well as challenges faced during and after implementation. Probes innovations in the development of more electric vehicles for improved maintenance, support, endurance, safety, and cost-efficiency in automotive, aerospace, and marine vehicle engineering. heralding a new wave of advances in power system technology, Vehicular Electric Power Systems discusses: * Different automotive power systems including conventional automobiles, more electric cars, heavy-duty vehicles, and electric and hybrid electric vehicles * Electric and hybrid electric propulsion systems and control strategies * Aerospace power systems including conventional and advanced aircraft, spacecraft, and the international space station * Sea and undersea vehicles * The modeling, real-time state estimation, and stability assessment of vehicular power systems * Applications of fuel cells in various land, sea, air, and space vehicles * Modeling techniques for energy...



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