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About the ebook

The E-book is a convergence point for state-of-the-art research with preliminary but confirmed results. Topics covered in this e-book include transport, electricity generation, bio-fuels, Homogenous Charge Combustion Ignition research, kinetics, thermodynamics, combustion, (photovoltaic) solar energy, biomass, hydrogen combustion, hydrogen stocking, wind power, wind energy, hydro-electric power plants and fuel cells.

Contents

- ▶ Cost-Optimal Use of Bioenergy Under a Stringent Climate Stabilization Target
- ▶ Contribution to the Valorization of Moroccan Oil Shales
- ▶ Biofuels - The Optimal Second Best Solution?
- ▶ Design of an Optimal Standalone Wind Power Generation System
- ▶ Sustainable Electric Power System Based on Solar Energy
- ▶ Homogeneous Charge Compression Ignition (HCCI) Combustion
- ▶ Fuel Chemistry and Mixture Stratification in HCCI Combustion Control

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