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Title: Italian supercapacitor model

Generated on: 2026-04-25 20:10:24

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Based on the proposed method, the supercapacitor model is built in Matlab/ Simulink, and the characteristics of equivalent series resistance (ESR) measurement and cycle life are ...

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Supercapacitors are energy storage devices with high electrical power densities and long spanlife. Therefore, supercapacitor-based ...

The supercapacitor model is simulated in this study by using MATLAB/Simulink, and the efficiency of the model is improved by verifying and evaluating the parameters.

MODELING AND MODEL VALIDATION OF SUPERCAPACITORS FOR REAL-TIME SIMULATIONS

Presented by: Supervisor: Simone Pezzolato Prof. Dr.-Ing. Antonio Morandi

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Different authors have described methods to model super-capacitor devices with different resistive-capacitive (RC) net-works. These models have been obtained through analyses in ...

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