

Authors	Title	Session Title
Kapil Venkatachalam, Tarek Abdallah, and Charles R. Sullivan	Accurate Prediction of Ferrite Core Loss with Nonsinusoidal Waveforms Using Only Steinmetz Parameters	Component Models
Z. Parrilla, J.J. Rodriguez, A. Hefner, and M. Velez-Reyes	A Computer-Based Testbed for Validation of Electrothermal Models for Power Electronic Modules	Component Models
M.Di Lorenzo del Casale, N.Femia G.Spagnuolo	LOSSES IN CONDUCTORS CARRYING SMPS CURRENT WAVEFORMS	Component Models
Stefan Schröder, Dirk Detjen, Rik W. De Doncker	Multi-Cell Circuit Model for Thyristor-Type Devices Using Quasi 2-Dimensional Lumped-Charge Method	Component Models
Bogdan S Borowy* and Edward T Wagner	FAST COMPUTATION OF Z-type NETWORK PARAMETERS FOR STABILITY ANALYSIS OF POWER ELECTRONICS CONVERTER SYSTEMS	Control Design
Aleksandar Prodic and Dragan Maksimovic	Design of a Digital PID Regulator Based on Look-Up Tables for Control of High-Frequency DC-DC Converters	Control Design
Joseph Mossoba and Philip T. Krein	Small Signal Modeling of Sensorless Current Mode Control for Dc-Dc Converters	Control Design
M.Di Lorenzo del Casale, N.Femia G.Spagnuolo	NOMINAL AND TOLERANCE DESIGN OF FEEDBACK COMPENSATORS FOR SWITCHING REGULATORS	Control Design
S.S. Kulkarni, et al.	A Novel PC Based Solar Electric Panel Simulator	Power Converter Design
T. Kato and Y. Arai	Parallel Tolerance Analysis of a Power Electronics Converter	Power Converter Design
Carsten Nesgaard	An array-based study of increased system lifetime probability	Power Converter Design
M.Di Lorenzo del Casale, N.Femia G.Spagnuolo	TOLERANCE DESIGN OF DC-DC SWITCHING REGULATORS	Power Converter Design
Efrain O'Neill	Simulation Tools for Power Electronics Applications in Power Systems	Education
J. Hudgins, A. Monti and R. Dougal	CONTROL SYSTEMS LABORATORY: A POWER ELECTRONICS TEACHING EXPERIENCE	Education
Muhammad Harunur Rashid	Mathcad for Solving Non-Linear Equations of Power Electronics	Education
E. Tranter	CPES Distance Education Program	Education
L.Arnedo And K.Venkatesan	CONDUCTED EMI AND OVER VOLTAGE INVESTIGATIONS IN A PWM INVERTER FED INDUCTION MOTOR DRIVE SYSTEM	Motors/Drives
Florin Iov, Frede Blaabjerg, Anca Daniela Hansen*	Comparative Study of Different Implementations for Induction Machine Model in Matlab/Simulink for Wind Turbine Simulations	Motors/Drives
Changrong Liu, Huijie Yu, Chris Smith, Jih-Sheng Lai and Jimmy Black	A High Performance Amplitude/Phase Modulated Digital-To-Synchro Switching Power Converters Using ADMC401 DSP	Motors/Drives
J. Tafur-Sotelo and M. Velez-Reyes	An Adaptive Feedback Linearizing Controller for a Shunt DC Motor	Motors/Drives
Aleksandar Prodic and Dragan Maksimovic	Mixed Signal Simulation of Digitally Controlled Switching Converters	Software Tools I
Jinghong Guo, Stephen Edwards and Dushan Borjevic	Reusable and Reconfigurable Control Software Design of Power Electronics Systems	Software Tools I
T. Lovett, A. Monti and R. Dougal	THE NEW ARCHITECTURE OF THE VIRTUAL TEST BED	Software Tools I
Xin Geng, P. T. Krein	Multi-Signal Pulse Width Modulation for Multi-Output Inverters	Software Tools I
Dirk Linzen, Rik W. De Doncker	Simulation of Power Losses with MATLAB/Simulink Using Advanced Power Device Models	Software Tools II
Jost Allmeling and Wolfgang Hammer	Fast Simulation of Power Electronics Systems under Simulink	Software Tools II
Agustin Rullán and Eduardo Ramirez	Cost Models for Power Electronic Systems	Software Tools II
Anawach Sangswang and Chika O.Nwankpa	A Computational Tool to Identify Regions of Operation for DC-DC Boost Converters	Software Tools II