



Power Rectifiers, Inverters, and Converters - Accelerated Steady-state Approaches with Closed-form Solutions

By Keng Wu

Lulu.com. Hardcover. Book Condition: New. Hardcover. 284 pages. Dimensions: 9.1in. x 6.1in. x 0.9in. Consistently using Accelerated Steady-state Analysis technique across the presentation, the book covers rectifiers and inverters circuits including one-pulse (single-phase, half-wave rectifier), two-pulse (single-phase, full-wave rectifier), three-pulse (three-phase semiconverter), and six-pulse (three-phase, full-wave rectifier) with either uncontrolled bipolar rectifiers or phase-controlled SCR (Silicon Controlled Rectifier). DC-AC inverters using sine-PWM (Pulse-Width-Modulation), triplen injection, and Space-Vector-Modulation are also treated in depth. Accelerated steady state time-domain studies for DC-DC converters and power filters using MATLAB are given in exhaustive details. Many closed-form mathematical expressions are given for the first time. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.



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