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Nota di contenuto	Design of passive harmonic filters to enhance power quality and energy efficiency in ship power systems -- An energy-savings evaluation method for adjustable-frequency drives on sea water cooling pumps on ships -- Beyond induction motors - Technology trends to move up efficiency -- Improving hydraulic system energy efficiency with high performance hydraulic fluids -- A novel single-switch resonant power converter for renewable energy generation applications -- Power budgeting between diversified energy sources and loads using a multiple-input multiple-output DC-DC converter -- A novel control strategy of circulating currents in paralleled single-phase boost converters for micro-grid applications -- Ground-fault loop impedance calculations in single-phase systems -- Considerations in wind farm grounding design -- Design and energetic analysis of an advanced control upgrading existing lighting systems -- Seismic qualification of electrical equipment in critical facilities -- AC DC power circuits design by microsystem criteria -- Unprotected faults of electrical cords and extension cords in AC and DC systems.