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His research focuses on modern power systems, power system monitoring and protection, transmission line fault detection and classification, power quality analysis, renewable energy integration, converter-dominated power systems, smart grid technologies, Internet of Things (IoT) applications in energy systems, artificial intelligence and machine learning for power system analysis, state estimation, and predictive analytics. His work aims to develop intelligent, reliable, and data-driven solutions for next-generation electric power networks. He has authored and presented research papers at international conferences in the fields of electrical engineering, smart grids, and energy systems and continues to pursue research in advanced power system applications and intelligent energy management.