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Nota di contenuto	-- Impact of faulty conditions of power supply on operating characteristics of three-phase asynchronous squirrel cage motor. -- Propagation of EM waves through biomaterial based on harvest waste - influence of biomaterial density, moisture and temperature. -- A Case Study of Intelligent Street Lighting in Rural Areas for Energy Savings. -- Thermal model of a soldering iron. -- Periodic calibration of temperature measurement equipment. -- Data set ratio influence on kNN classification results, etc.
Sommario/riassunto	This book offers a comprehensive and innovative exploration of maintenance technologies, blending fundamental theories with practical applications in modern engineering systems. Covering a broad range of topics, it examines areas such as smart street lighting for energy conservation, the effects of faulty power supplies on equipment, and the use of digital twin technology in concrete plant operations. Emerging and unique subjects, such as utilizing unused faculty

computers for cryptocurrency mining and employing augmented reality for maintenance scheduling, underscore innovative approaches. Targeted at engineers, maintenance professionals, researchers, and students, the book provides valuable insights for enhancing asset reliability, operational efficiency, and safety protocols across various industries. The collected contributions emphasize the interdisciplinary nature of maintenance and serve as a platform for exchanging expertise and introducing innovative methods into daily practice.

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