River Publishers

# Electrical Power Systems Technology, Fourth Edition

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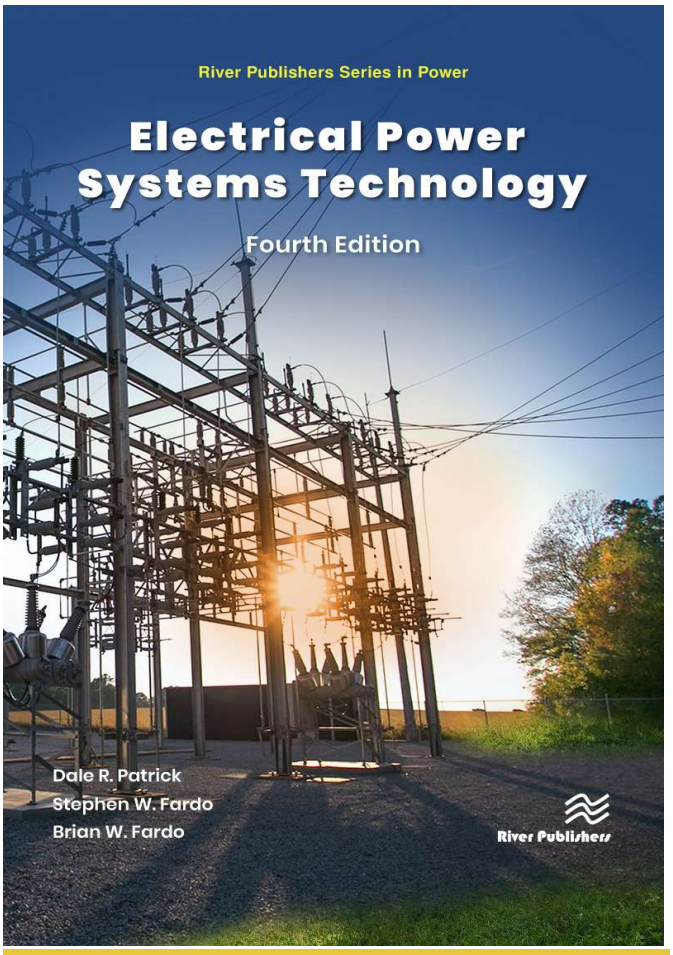
Electrical Power Systems Technology, Fourth Edition covers a wide range of technologies and systems used in the generation, distribution, control, conversion, and measurement of electrical power. This reference book provides a foundational overview presented in a basic, easy-to-understand manner. The content is organized in a logical pedagogical style using five basic power system components – Measurement, Generation, Distribution, Control, and Conversion. Each of these basic systems is broken down into sub-systems, equipment and components that are explored in greater detail in each of the 18 chapters. Simplified mathematical concepts are described with practical applications to assist in fundamental understanding. Abundant illustrations (almost one per page) are used to add visual information to supplement technical knowledge development. The fourth edition has been edited to provide improved information and clarity, including many new illustrations. An additional chapter – Chapter 18 – Evolving Power System Technologies and Considerations – has been added to describe issues related to power system operation.

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