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Sommario/riassunto

This book fills a void in the market by describing currentknowledge in electrical safety as industry needs electricalengineers who have been trained in safety engineeringeducation.Electrical safety is an often-neglected area of electrical powerengineering, and electrical safety measures in industry are notalways applied in electrical engineering laboratories ofeducational institutions. Since the industry is in need ofelectrical engineers who have been properly trained in safetyengineering education, Sutherland has presented several up-to-datetopics in the field. . Provides a high-level introduction to the educated electricalengineer in any field who needs to know about electricalsafety. Presents the subject of electrical safety to a wideraudience. Includes an introduction to theory followed by a series ofpractical applications. Examines the electrical fundamentals of resistance, inductanceand capacitance as applied to the human bodyWith an in-depth evaluation of electrical engineering safetymeasures, this book is designed to become part of the preparationof every current and future engineer. Principles of ElectricalSafety will also be a suitable guide for lab setting inacademic institutions.