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Enhanced Railgun -- The Influence Factors and Improvement Techniques on Electromagnetic Rail Gun Barrel Life -- Research on Simulation Model and Test of Rail Temperature in Electromagnetic Launch.

Sommario/riassunto

This conference is one of the most significant annual events of the China Electrotechnical Society, showcasing the latest research trends, methodologies, and experimental results in electrical, electronic, and networked energy systems. The proceedings cover a wide range of cutting-edge theories and ideas, including topics such as power systems, power electronics, smart grids, renewable energy, energy integration in transportation, advanced power technologies, and the energy internet. The aim of these proceedings is to provide a key interdisciplinary platform for researchers, engineers, academics, and industry professionals to present groundbreaking developments in the field of electrical, electronic, and networked energy systems. It also offers engineers and researchers from academia, industry, and government a comprehensive view of innovative solutions that integrate concepts from multiple disciplines. These volumes serve as a valuable reference for researchers and graduate students in electrical engineering.