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Sommario/riassunto

This book explores deterministic and stochastic modeling techniques in computational contexts, focusing on integral and differential equation approaches. Authored by Dragan Poljak and Anna Šušnjara, the work delves into the principles of field theory, variational methods, and numerical methods such as the finite element and boundary element methods. It covers topics like wire frequency domain analysis, exposure of humans to GHz frequency range, and multiphysics phenomena, providing theoretical background and practical computational examples. The book is intended for professionals and researchers in engineering and applied mathematics, offering insights into modeling complex systems and electromagnetic interactions.
