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Sommario/riassunto

"Forward scattering solutions are of increasing importance in computer

assisted design. A fast and accurate way to solve the problem of forward scattering helps the advancement of technologies such as integrated optics, geophysical exploration, non-destructive testing, semiconductor metrology and biomedical imaging. In this book we formulate the forward problem in terms of the domain (or volume) type of integral equations, which can be efficiently solved with the help of Fast Fourier Transformation techniques"--