

numerical techniques in electromagnetics pdf

Numerical Methods for Differential Equations Chapter 5: Partial differential equations – elliptic and parabolic Gustaf Soderlind and Carmen Arino

Numerical Methods for Differential Equations

home > vol. 137 > pp. 487-512 elimination of numerical dispersion from electromagnetic time domain analysis by using resource efficient finite element technique

ELIMINATION OF NUMERICAL DISPERSION FROM ELECTROMAGNETIC

In mathematics, computer science and operations research, mathematical optimization or mathematical programming, alternatively spelled optimisation, is the selection of a best element (with regard to some criterion) from some set of available alternatives.

Mathematical optimization - Wikipedia

The paper reviews the application of deterministic-stochastic models in some areas of computational electromagnetics. Namely, in certain problems there is an uncertainty in the input data set as some properties of a system are partly or entirely unknown. Thus, a simple stochastic collocation (SC) method is used to determine relevant statistics ...

Stochastic Collocation Applications in Computational

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Finite-difference time-domain method - Wikipedia

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