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Electromagnetism - Wikipedia

3/34 Integral equation Differential equation methods methods Computational Electromagnetics Maxwell's equations can be given in differential or integral form

Simulation of Electromagnetic Fields: The Finite

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The approach we have developed is based on NURBS (Non-Uniform Rational B-Splines), a standard technology employed in CAD systems. We propose to match the exact CAD geometry by NURBS surfaces, then construct a coarse mesh of "NURBS elements".

Isogeometric analysis: CAD, finite elements, NURBS, exact

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 about given responses.

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Boundary element method - Wikipedia

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Scalar Wars The Brave New World of Scalar Electromagnetics

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A review of tactile sensing technologies with applications

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