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Finite Element Methods for Computational Fluid Dynamics: A ...

Erik Burman is the Chair of Computational Mathematics at UCL since 2013. He defended his PhD thesis, "Adaptive finite element methods for compressible two-phase flows" at Chalmers University of Technology in 1998. Then spent two years as a post doc at Ecole Polytechnique working on adaptive methods in computational combustion.

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The finite element method (FEM) is used to find approximate solution of partial differential equations (PDE) and integral equations.

Computational electromagnetics - Wikipedia

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