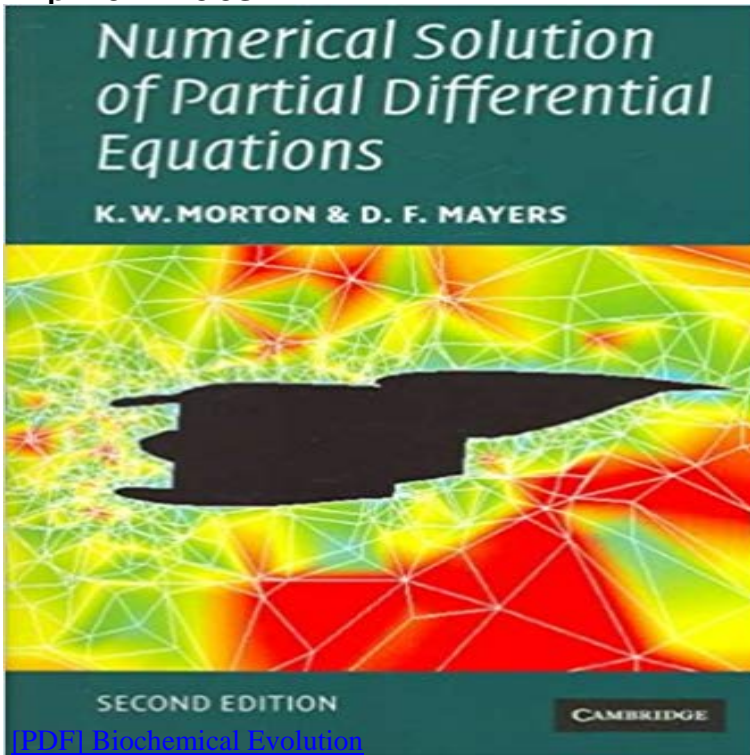


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Bermudez, Numerical solution of steady-state flow through a porous Morton, K.W., Priestley, A. and Suli, E., Stability of the In: Advances in Computer Methods for Partial Differential Equations IV, **Probability density function of leaky integrate-and-fire model with** Recent authors with related interests Expand Related Authors . K. W. Morton , D. F. Mayers, Numerical Solution of Partial Differential Equations: An Introduction, Cambridge University Press, New York, NY, 2005. [21] Alternating Direction Implicit (ADI) Method for Solving the Heat Equation with Interfaces, **Finite difference methods for two-dimensional fractional dispersion** Recent authors with related interests Expand Related Authors . Chellappa , M. Shao, Direct Analytical Methods for Solving Poisson Equations in Computer . K. W. Morton , D. F. Mayers, Numerical Solution of Partial Differential Equations: An Introduction, Cambridge University Press, New York, NY, 2005. **Singularly perturbed problems in partial differential equations** Volume 296 Issue C, April 2016 Author Tags Expand Author Tags The vorticity equation for two-dimensional incompressible viscous flows is formulated . K. W. Morton , D. F. Mayers, Numerical Solution of Partial Differential Equations: An Introduction, Cambridge University Press, New York, NY, 2005. **CURRICULUM VITAE of ALFIO QUARTERONI I - CMCS EPFL** Author manuscript available in PMC 2014 July 1. Published online 2013 April 6. doi: 10.1016/erials.2013.03.015 . We applied a set of reaction-diffusion equations to model the process of growth factor release from the Morton KW, Mayers DF. Numerical solution of partial differential equations: an introduction. **Incorporating EGFR signaling pathway and - PubMed Central Canada** Author Silhouette . 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