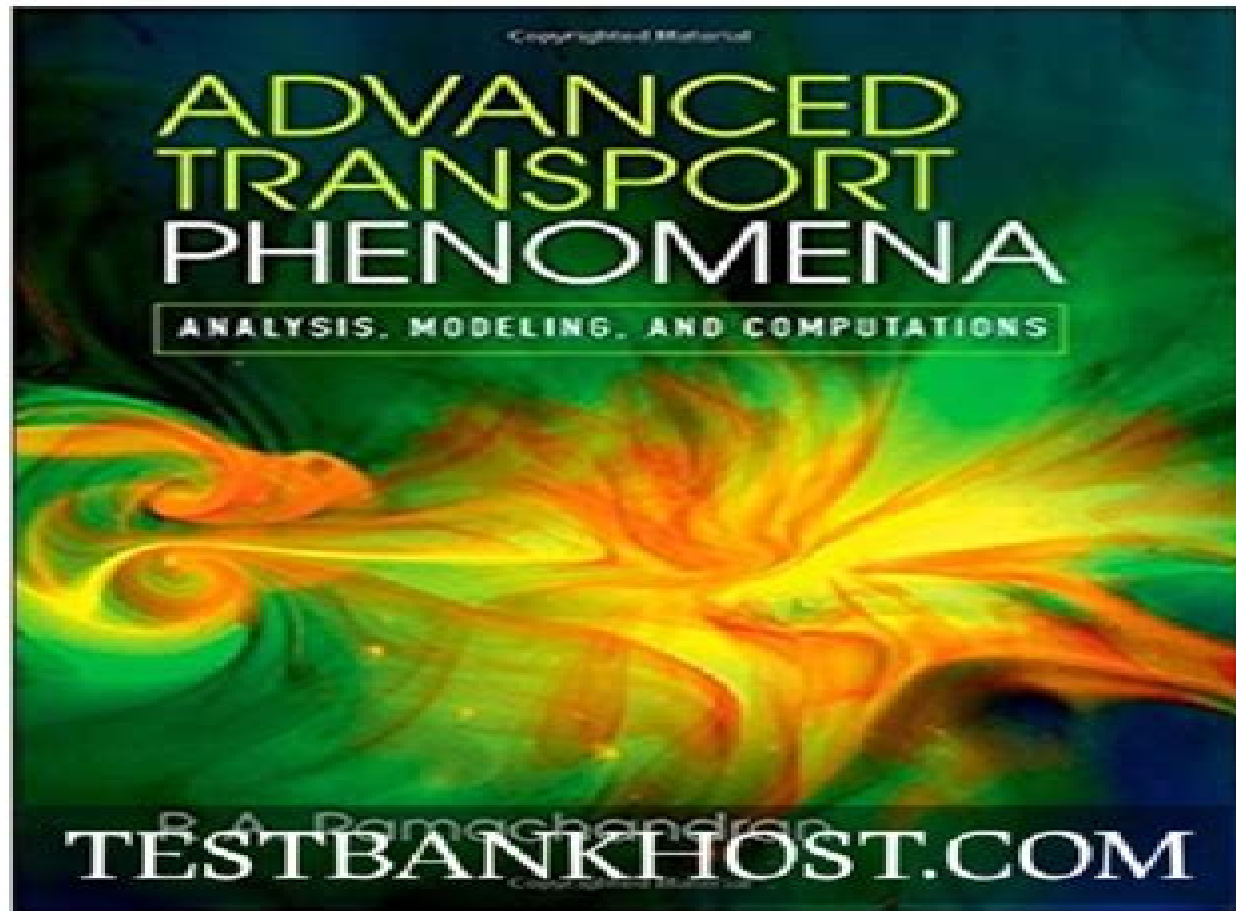


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Transport Phenomena in Materials Processing E.J. Poirer, D.R. Poirer, 2017-08-18 **Modeling, Analysis and Simulations of Multiscale Transport Phenomena** Somnath Bhattacharyya, Hari Shankar Mahato, 2025-06-20 This volume contains selected chapters on topics presented at the International Conference on Modeling Analysis and Simulations of Multiscale Transport Phenomena ICMASMTMP 2022 held at the Department of Mathematics Indian Institute of Technology Kharagpur West Bengal India from 22-25 August 2022 It contains chapters on applications of FLOW THROUGH POROUS MEDIA diffusion reaction equations fluid dynamics multi scale analysis electrokinetic transport processes microfluidics modelling numerical analysis and related topics Contributors are academicians experts and researchers in various disciplines of applied mathematics numerical analysis and scientific computation having applications in physics engineering chemistry biology and medical science

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