

Transport processes in porous media

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Abstrak

The authors discuss several techniques for artificial representation of porous. The book also discusses with mass transport processes in the porous media which are further strengthened by experimental validation and specific technological applications. This book makes use of state-of-the-art techniques for the modeling of transport processes in porous structures, and considers of realistic sorption mechanisms. It the applies advanced mathematical techniques for upscaling of the major quantities, and presents the experimental investigation and application, namely, experimental methods for the measurement of relevant transport properties.