

## The mathematics of reservoir simulation

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20451339&lokasi=lokal>

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### Abstrak

The emergence of complex enhanced recovery procedures in the field of hydrocarbon extraction techniques has emphasized the need for sophisticated mathematical tools, capable of modeling intricate chemical and physical phenomena and sharply changing fluid interfaces. This volume explains which problems need to be addressed, why they are difficult, what has been done previously to treat these difficulties, and which new techniques appear to possess potential for obtaining good simulation results.