



Mechanics of Groundwater in Porous Media

Muhammad I. Haque

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Provides a Balance between the Mathematical and Physical Aspects and the Engineering Applications

Written for engineering and science students, **Mechanics of Groundwater in Porous Media** explains groundwater from both a mathematical and qualitative standpoint. The book builds up the theory of groundwater flow starting from basic physics and geometric intuition, and on to applied practice through real-world engineering problems. It includes graphical illustrations as well as solved illustrative problems throughout the text.

Considers the Steady-State Motion of Groundwater

The book starts off by introducing the overall picture of groundwater, its relationship with the hydrological cycle, and other terminology used in the mechanics of groundwater flow through porous means. It presents a synopsis of basic definitions, concepts, and the fundamental principles of fluid mechanics and soil mechanics, which are necessary prerequisites for an adequate understanding of the book's core material. The engineering applications are deduced from geometric and physical reasoning, with a minimum use of mathematical abstraction.

Mechanics of Groundwater in Porous Media is written primarily to serve as a textbook for senior undergraduate and upper-level graduate students in civil and environmental engineering, environmental science, hydrogeology, and geology, as well as a resource for practicing engineers.



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Spent a free time for you to be fun activity to complete! A lot of people spent their sparetime with their family, or their friends. Usually they carrying out activity like watching television, planning to beach, or picnic from the park. They actually doing same thing every week. Do you feel it? Do you wish to something different to fill your current free time/ holiday? Could possibly be reading a book could be option to fill your totally free time/ holiday. The first thing you ask may be what kinds of book that you should read. If you want to test look for book, may be the publication untitled Mechanics of Groundwater in Porous Media can be good book to read. May be it is usually best activity to you.

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