Physics Of Flow Through Porous Media

If you only want to read a selected portion of the physics of flow through porous media, you may have to pay for the whole book to get the complete context. You can edit the section or highlight the text. You may not be able to enjoy every book's objective physics of flow through porous media, but you will definitely be able to appreciate its probable end. Its fun, but you can certainly improve by reading more. The physics of flow through porous media is not the most useful addition of information on the subject.

Enhancing Technologies and Prospects for Porous Media

- Enhanced thermal energy storage (NMR, X-ray, ultrasonic, etc.)
- Computer modeling, electrokinetic phenomena, diffusion, non-linear wave propagation

Different ways: by directly visualizing flow through a model three-dimensional (3D) porous medium, and by investigating the deformability of fluid-filled pores. In other words, the objective physics of flow through porous media is not the most useful addition of information on the subject.

Mathematical Problems of Flow Through Porous Media

- Semiconductor physics: model flow through porous materials for nanotechnology
- Biomimetic materials: model flow through porous membranes
- Environmental engineering: model flow through porous media in groundwater

The authors introduce the reader smoothly into the realm of porous media. In-depth discussions are given of topics like thermodynamics, capillarity and fluid mechanics in order to launch the reader smoothly into the realm of porous media. This book provides a comprehensive overview of the physics of flow through porous media, including the latest developments and applications in the field.

- The Mathematics of Flow Through Porous Media

- The Physics of Flow Through Porous Media

- The Physics of Flow Through Porous Media...