

<<油层物理学>>

图书基本信息

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内容概要

《英文版普通高等教育十一五国家级规划教材：油层物理学》是杨胜来、魏俊之主编的《油层物理学》的英文版。

内容涵盖油气藏开发所涉及的基本物理现象、物理过程及物理量之间的关系。

全书包括储层流体的物化性质，储层岩石的物理特性和储层中多相流体的渗流机理三大部分。

《英文版普通高等教育十一五国家级规划教材：油层物理学》可作为石油工程及相关专业本科生的双语教材，也可供研究生及从事石油地质、采油工程、油藏工程的工程技术人员参考。

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章节摘录

版权页：插图：Energy is the power to drive forwards the industrialization and modernization of the society. The development and utilization of energy governs the competitive strength and comprehensive power of a country. Oil & Gas is an important kind of energy, high-quality material for chemical industry, and an important warfare material. Because it is important to both the energy safety and national defense of a country, great attentions have been paid to petroleum industry and oil & gas trade by all of the countries. It is hard to imagine what the society would be without the oil and gas today. It can be said that petroleum plays an important and indispensable role in the economic development of the world. In the past 60 years since the birth of People Republic of China, our petroleum industry has grown rapidly. The annual oil production was only 89,000 tons in year 1949. The annual oil production increased up to 170 million tons in 2007, and ranks within the top 4 countries in the world. On the other hand, the consumption of oil and gas also increased greatly with the society and economy development in our country. Since 1997 China had become one of the biggest petroleum consuming countries in the world.

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