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核反应堆热工水力研究进展

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内 容 简 介

本书是1983年4月召开的第二届反应堆热工流体学术报告会的论文集。它全面反映了四年来我国在这一学科上取得的成就。介绍了从单棒到整个堆芯的稳态和瞬态热工水力性状的各种计算分析程序。描述了临界热流密度和堆芯流量分配等稳态试验的重要结果。对空气-水和蒸汽-水两相流的一些试验作了详细介绍。还报道了惯性流量和再淹没传热等瞬态试验的技术和初步结果。对压力、温度、流量等参数的瞬态测量方法也有所涉及，特别是对γ射线测量空泡份额的技术作了较详细的阐述。

本书不仅可供从事核电站和反应堆的设计、建造和运行的人员阅读，而且对在常规动力、化工、航天等部门工作的同志也有较大参考价值。

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