

<<复杂性理论>>

图书基本信息

书名：<<复杂性理论>>

13位ISBN编号：9787030166920

10位ISBN编号：7030166922

出版时间：2006-1

出版时间：科学

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页数：308

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内容概要

复杂性理论主要研究决定解决算法问题的必要资源，以及利用可用资源可能得到的结果的界，而对这些界的深入理解可以防止寻求不存在的所谓有效算法。

复杂性理论的新分支随着新的算法概念而不断涌现，其产物——如NP-完备性理论——已经影响到计算机科学的所有领域的发展。

本书视随机化为一个关键概念，强调理论与实际应用的相互作用。

本书论题始终强调复杂性理论对于当今计算机科学的重要意义，包含各种具体应用。

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