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<<生物信息学中的数学方法>>

图书基本信息

书名：<<生物信息学中的数学方法>>

13位ISBN编号：9787030369857

10位ISBN编号：7030369858

出版时间：2013-4

出版时间：科学出版社

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编辑推荐

Jiasong Wang编的《Numerical Methods in Bioinformatics An Introduction》介绍了生物信息学计算方法如下：数值替换为代表的数值或图形序列的DNA和蛋白质序列；傅立叶和小波变换应用于基因的鉴定和蛋白质的比较；基于大量实验数据的微阵列或脂类组学数据集，合适的统计和计算的方法研究中使用的两套生物特征，特征向量的表象下，两种生物分子分类的聚类分析完成；微分方程和差分方程模型被建立为代表的生物动力学过程；和丢失的数据输入技术有助于估计丢失条目来自生物学观察与实验，等等。
此外，还介绍了一些生物的概念通过这些方法。

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