

Graphs and Graphical Models

Graphs and Graphical Models: Learning from Data

by

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Book 1

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Graphical models are a powerful tool for representing and analyzing data. They provide a compact and intuitive way to describe complex dependencies between variables. In this book, we explore the theory and practice of graphical models, with a focus on applications in machine learning and statistics.

The book is divided into two main parts. The first part, "Graphical Models: Theory and Practice," covers the fundamental concepts and algorithms of graphical models. The second part, "Applications of Graphical Models," shows how these models are used in various domains, including natural language processing, computer vision, and bioinformatics.

Learning needs: This book is suitable for students and researchers in machine learning, statistics, and related fields. It provides a comprehensive overview of graphical models, from basic theory to advanced applications.

sparsified graphs are very similar to the results of the original non-sparsified graphs.

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