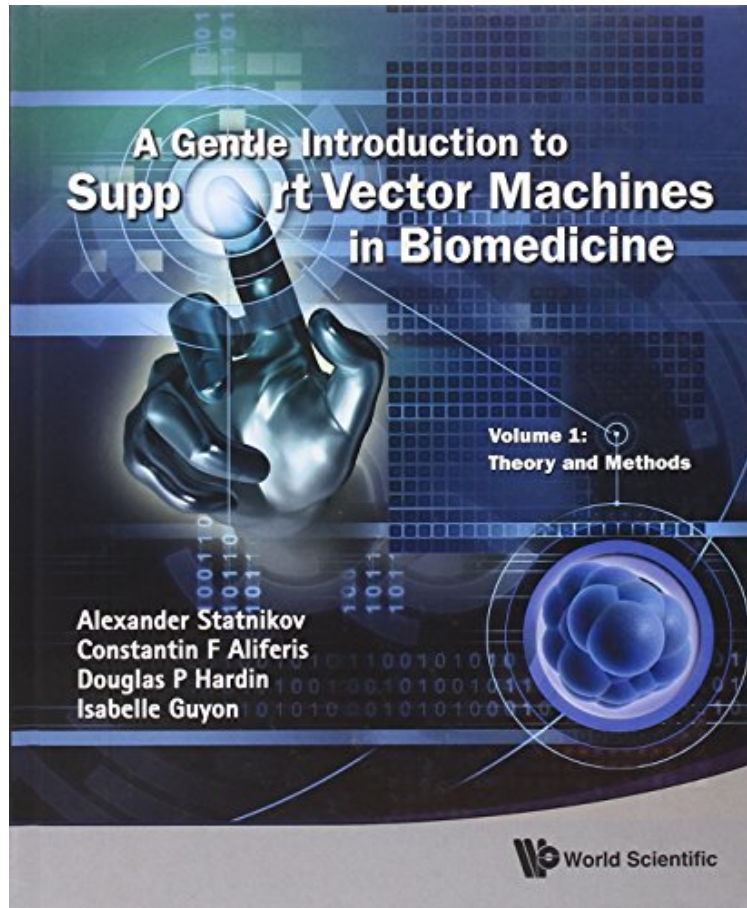


(Download pdf) A Gentle Introduction to Support Vector Machines in Biomedicine: Theory and Methods (Volume 1)

## A Gentle Introduction to Support Vector Machines in Biomedicine: Theory and Methods (Volume 1)

*Alexander Statnikov, Constantin F. Aliferis, Douglas P. Hardin, Isabelle Guyon*  
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Support Vector Machines (SVMs) are among the most important recent developments in pattern recognition and statistical machine learning. They have found a great range of applications in various fields including biology and

medicine. However, biomedical researchers often experience difficulties grasping both the theory and applications of these important methods because of lack of technical background. The purpose of this book is to introduce SVMs and their extensions and allow biomedical researchers to understand and apply them in real-life research in a very easy manner. The book is to consist of two volumes: theory and methods (Volume 1) and case studies (Volume 2).

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