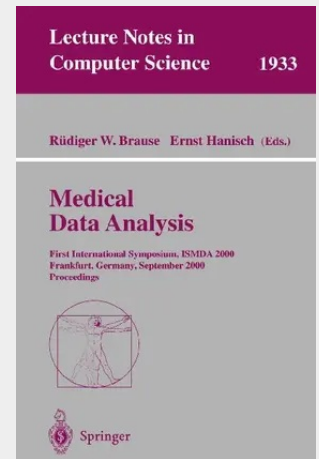


Medical Data Analysis

First International Symposium, ISMDA 2000 Frankfurt, Germany, September 29-30, 2000
Proceedings

It is a pleasure for us to present the contributions of the First International Symposium on Medical Data Analysis. Traditionally, the field of medical data analysis can be divided into classical topics such as medical statistics, survival analysis, biometrics and medical informatics. Recently, however, time series analysis by physicists, machine learning and data mining with methods such as neural networks, Bayes networks or fuzzy computing by computer scientists have contributed important ideas to the field of medical data analysis. Although all these groups have similar intentions, there was nearly no exchange or discussion between them. With the growing possibilities for storing and analyzing patient data, even in smaller health care institutions, the need for a rational treatment of all these data emerged as well. Therefore, the need for data exchange and presentation systems grew also. The goal of the symposium is to collect all these relevant aspects together. It provides an international forum for the sharing and exchange of original research results, ideas and practical experiences among researchers and application developers from different areas related to medical applications dealing with the analysis of medical data. After a thorough reviewing process, 33 high quality papers were selected from the 45 international submissions. These contributions provided the different aspects of the field in order to represent us with an exciting program.

It is a pleasure for us to present the contributions of the First International Symposium on Medical Data Analysis. Traditionally, the field of medical data analysis can be divided into classical topics such as medical statistics, survival analysis, biometrics and medical informatics. Recently, however, time series analysis by physicists, machine learning and data mining with methods such as neural networks, Bayes networks or fuzzy computing by computer scientists have contributed important ideas to the field of medical data analysis. Although all these groups have similar intentions, there was nearly no exchange or discussion between them. With the growing possibilities for storing and analyzing patient data, even in smaller health care institutions, the need for a rational treatment of all these data emerged as well. Therefore, the need for data exchange and presentation systems grew also. The goal of the symposium is to collect all these relevant aspects together. It provides an international forum for the sharing and exchange of original research results, ideas and practical experiences among researchers and application developers from different areas related to medical applications dealing with the analysis of medical data. After a thorough reviewing process, 33 high quality papers were selected from the 45 international submissions. These contributions provided the different aspects of the field in order to represent us with an exciting program.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540410898
Medium: Buch
ISBN: 978-3-540-41089-8
Verlag: Springer
Erscheinungstermin: 13.09.2000
Sprache(n): Englisch
Auflage: 1. Auflage 2000
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1030 g
Seiten: 320
Format (B x H): 155 x 235 mm

