Advances in Intelligent Analysis of Medical Data and Decision Support Systems

By Kountchev, Roumen / Iantovics, Barna

Book Condition: New. Publisher/Verlag: Springer, Berlin | This book presents new ideas and advances in medical informatics systems, including intelligent archiving, processing, analysis and search-by-content which will improve the quality of the medical services for every patient and for the global healthcare system. | This volume is a result of the fruitful and vivid discussions during the MedDecSup'2012 International Workshop bringing together a relevant body of knowledge, and new developments in the increasingly important field of medical informatics. This carefully edited book presents new ideas aimed at the development of intelligent processing of various kinds of medical information and the perfection of the contemporary computer systems for medical decision support. The book presents advances of the medical information systems for intelligent archiving, processing, analysis and search-by-content which will improve the quality of the medical services for every patient and of the global healthcare system. The book combines in a synergistic way theoretical developments with the practicability of the approaches developed and presents the last developments and achievements in medical informatics to a broad range of readers: engineers, mathematicians, physicians, and PhD students. | Machine Learning Applications in Cancer Informatics.- Methods for interpretation of data in medical informatics.- Margarita Favorskaya. Visual...

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