Pattern Recognition in Chemistry

By Kurt Varmuza

Springer. Paperback. Condition: New. 236 pages. Dimensions: 9.2in. x 6.1in. x 0.5in.Analytical chemistry of the recent years is strongly influenced by automation. Data acquisition from analytica instruments - and some times also controlling of instruments - by a computer are principally solved since many years. Availability of microcomputers made these tasks also feasible from the economic point of view. Besides these basic applications of computers in chemical measurements scientists developed computer programs for solving more sophisticated problems for which some kind of intelligence is usually supposed to be necessary. Harm less numerical experiments on this topic led to passionate discussions about the theme which jobs cannot be done by a computer but only by human brain . If this question is useful at all it should not be ans wered a priori. Application of computers in chemistry is a matter of utility, sometimes it is a social problem, but it is never a question of piety for the human brain. Automated instruments and the necessity to work on complex pro blems enhanced the development of automatic methods for the reduction and interpretation of large data sets. Numerous methods from mathematics, statistics, information theory, and computer science have been exten sively...

READ ONLINE
[7.76 MB]

Reviews

The book is simple in read through better to fully grasp. It is rally exciting throgh looking at period of time. I discovered this publication from my i and dad encouraged this book to find out.
-- Dr. Dillon Monahan

This ebook will never be straightforward to get started on looking at but really fun to read. It is amongst the most incredible publication i have got read through. I realized this pdf from my i and dad encouraged this publication to learn.
-- Mrs. Anya Kautzer