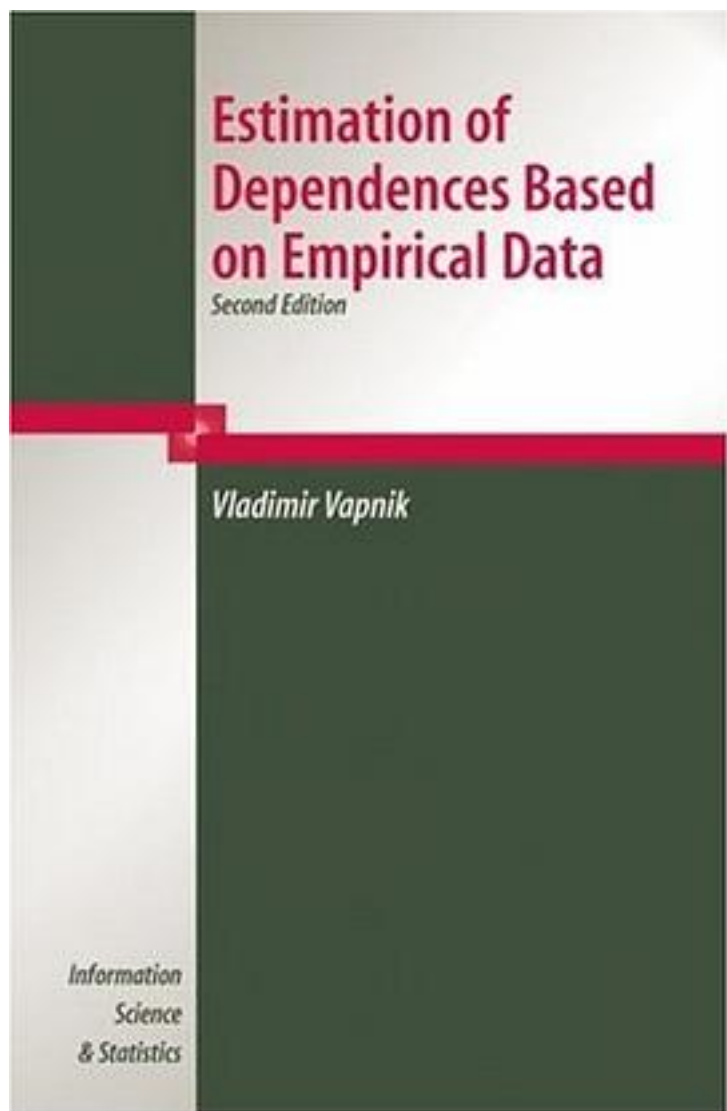


Estimation of Dependences Based on Empirical Data



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出版者:Springer

出版时间:2006-03-28

装帧:Hardcover

isbn:9780387308654

In 1982, Springer published the English translation of the Russian book Estimation of Dependencies Based on Empirical Data which became the foundation of the statistical theory of learning and generalization (the VC theory). A number of new principles and new technologies of learning, including SVM technology, have been developed based on this theory. The second edition of this book contains two parts: - A reprint of the first edition which provides the classical foundation of Statistical Learning Theory - Four new chapters describing the latest ideas in the development of statistical inference methods. They form the second part of the book entitled Empirical Inference Science. The second part of the book discusses along with new models of inference the general philosophical principles of making inferences from observations. It includes new paradigms of inference that use non-inductive methods appropriate for a complex world, in contrast to inductive methods of inference developed in the classical philosophy of science for a simple world. The two parts of the book cover a wide spectrum of ideas related to the essence of intelligence: from the rigorous statistical foundation of learning models to broad philosophical imperatives for generalization. The book is intended for researchers who deal with a variety of problems in empirical inference: statisticians, mathematicians, physicists, computer scientists, and philosophers.

作者介绍:

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标签

机器学习

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Vladimir_Vapnik

评论

统计学习理论背后一些故事，读来饶有兴趣。

这本书是80年代EDBED的再版,分为2个部分,第一部分跟82年版几乎一样,第二部分是老瓦新写的,相当于<寄小读者>,讲了很多好玩的东西,江湖恩怨什么的,值得一看

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