



## Advances in Distributed and Parallel Knowledge Discovery

By Hillol Kargupta, Philip Chan, M. S. Vijay Kumar, Vipin Kumar

MIT Press Ltd. Paperback. Book Condition: new. BRAND NEW, Advances in Distributed and Parallel Knowledge Discovery, Hillol Kargupta, Philip Chan, M. S. Vijay Kumar, Vipin Kumar, foreword by Vipin Kumar Knowledge discovery and data mining (KDD) deals with the problem of extracting interesting associations, classifiers, clusters, and other patterns from data. The emergence of network-based distributed computing environments has introduced an important new dimension to this problem--distributed sources of data. Traditional centralized KDD typically requires central aggregation of distributed data, which may not always be feasible because of limited network bandwidth, security concerns, scalability problems, and other practical issues. Distributed knowledge discovery (DKD) works with the merger of communication and computation by analyzing data in a distributed fashion. This technology is particularly useful for large heterogeneous distributed environments such as the Internet, intranets, mobile computing environments, and sensor-networks. When the data sets are large, scaling up the speed of the KDD process is crucial. Parallel knowledge discovery (PKD) techniques address this problem by using high-performance multiprocessor machines. This book presents introductions to DKD and PKD, extensive reviews of the field, and state-of-the-art techniques. Contributors Rakesh Agrawal, Khaled AlSabti, Stuart Bailey, Philip Chan, David Cheung, Vincent Cho, Joydeep Ghosh, Robert Grossman, Yi-ke Guo,...



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Computer Science. Artificial Intelligence. Advances in Distributed and Parallel Knowledge Discovery. From American Association for Artificial Intelligence. Advances in Distributed and Parallel Knowledge Discovery. Edited by Hillol Kargupta and Philip Chan. Foreword by M.S. Vijay Kumar. This book presents introductions to DKD and PKD, extensive reviews of the field, and state-of-the-art techniques. Distributed for AAAI Press. Foreword by Vipin Kumar Knowledge discovery and data mining (KDD) deals with the problem of extracting interesting associations, classifiers, clusters, and other patterns from data. The emergence of network-based distributed computing environments has introduced an important new dimension to this problem—distributed sources of data. Advances in distributed and parallel knowledge discovery. Editors-Kargupta, Chan, Contributors-Agrawal, A Sabti, Bailey, Cheung, AAAI Press/MIT Press, 2000. 253. 2000. Advances in distributed and parallel knowledge discovery. Editors-Kargupta, Chan, Contributors-Agrawal, A Sabti, Bailey, Cheung, MIT Press, 2000. 253\*. 2000. Scalable graph clustering using stochastic flows: applications to community discovery. V Satuluri, S Parthasarathy. Proceedings of the 15th ACM SIGKDD international conference on Knowledge & Data Engineering, 2009. 252. 2009. No customer reviews. Pages with related products. See and discover other items: distributed computing. There's a problem loading this menu right now. Learn more about Amazon Prime. Get free delivery with Amazon Prime. Prime members enjoy FREE Delivery and exclusive access to music, movies, TV shows, original audio series, and Kindle books. > Get started. Back to top. Are you sure you want to remove Advances in distributed and parallel knowledge discovery from your list? Advances in distributed and parallel knowledge discovery. Published 2000 by AAAI Press/MIT Press in Menlo Park, Calif . Written in English. Advances in Distributed and Parallel Knowledge Discovery, pp. 336–339. MIT Press, Cambridge, MA (2000)Google Scholar. 5. Bouraoui M., Bezzezi H., Grissa Touzi A. (2016) DKDD\_C: A Clustering-Based Approach for Distributed Knowledge Discovery. In: Tan Y., Shi Y., Li L. (eds) Advances in Swarm Intelligence. ICSI 2016.