

Some methods for classification and analysis of multivariate observations

J MacQueen - Proceedings of the fifth Berkeley symposium on ..., 1967 - [books.google.com](#)

The main purpose of this paper is to describe a process for partitioning an A^k -dimensional population into k sets on the basis of a sample. The process, which is called 'fc-means,' appears to give partitions which are reasonably efficient in the sense of within-class ...

☆ [🔗](#) Cited by 26780 Related articles All 22 versions [🔗🔗](#)

Finding groups in data: an introduction to cluster analysis

L Kaufman, PJ Rousseeuw - 2009 - [books.google.com](#)

The Wiley-Interscience Paperback Series consists of selected books that have been made more accessible to consumers in an effort to increase global appeal and general circulation. With these new unabridged softcover volumes, Wiley hopes to extend the lives of these ...

☆ [🔗](#) Cited by 17137 Related articles All 7 versions [🔗🔗](#)

A density-based algorithm for discovering clusters in large spatial databases with noise.

M Ester, HP Kriegel, J Sander, X Xu - Kdd, 1996 - [aaai.org](#)

Clustering algorithms are attractive for the task of class identification in spatial databases. However, the application to large spatial databases rises the following requirements for clustering algorithms: minimal requirements of domain knowledge to determine the input ...

☆ [🔗](#) Cited by 16818 Related articles All 77 versions [🔗🔗](#)

Maximum Likelihood from Incomplete Data Via the EM Algorithm

AP Dempster, NM Laird... - Journal of the Royal ..., 1977 - [Wiley Online Library](#)

A broadly applicable algorithm for computing maximum likelihood estimates from incomplete data is presented at various levels of generality. Theory showing the monotone behaviour of the likelihood and convergence of the algorithm is derived. Many examples are sketched ...

☆ [🔗](#) Cited by 59568 Related articles All 67 versions [🔗🔗](#)

Data clustering: a review

AK Jain, MN Murty, PJ Flynn - ACM computing surveys (CSUR), 1999 - [dl.acm.org](#)

Clustering is the unsupervised classification of patterns (observations, data items, or feature vectors) into groups (clusters). The clustering problem has been addressed in many contexts and by researchers in many disciplines; this reflects its broad appeal and usefulness as one ...

☆ [🔗](#) Cited by 16126 Related articles All 99 versions [🔗🔗](#)

Algorithms for clustering data

AK Jain, RC Dubes - 1988 - [dl.acm.org](#)

ACM Digital Library Logo. ACM Logo. Advanced Search; Browse; About; Sign in; Register. Advanced Search; Journals; Magazines; Proceedings; Books; SIGs; Conferences; People; More: Search ACM Digital Library. Search. Advanced Search. 10.5555/46712guidebooksArticle ...

☆ [🔗](#) Cited by 14082 Related articles All 4 versions [🔗🔗](#)

Pattern recognition with fuzzy objective function algorithms

JC Bezdek - 2013 - [books.google.com](#)

The fuzzy set was conceived as a result of an attempt to come to grips with the problem of pattern recognition in the context of imprecisely defined categories. In such cases, the belonging of an object to a class is a matter of degree, as is the question of whether or not a ...

☆ [🔗](#) Cited by 20211 Related articles All 7 versions [🔗🔗](#)

Least squares quantization in PCM

S Lloyd - IEEE transactions on information theory, 1982 - [ieeexplore.ieee.org](#)

It has long been realized that in pulse-code modulation (PCM), with a given ensemble of signals to handle, the quantum values should be spaced more closely in the voltage regions where the signal amplitude is more likely to fall. It has been shown by Panter and Dite that ...

☆ [🔗](#) Cited by 11472 Related articles All 26 versions [🔗🔗](#)

Data mining: concepts and techniques

J Han, J Pei, M Kamber - 2011 - books.google.com

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data ...

☆ 𠄎 Cited by 45982 Related articles All 95 versions 𠄎𠄎

Cluster analysis of multivariate data: efficiency versus interpretability of classifications

EW Forgy - biometrics, 1965 - ci.nii.ac.jp

CiNii 国立情報学研究所 学術情報ナビゲータ[サイニィ]. メニュー 検索 ...

☆ 𠄎 Cited by 2399 Related articles All 2 versions 𠄎𠄎