

1. Record Nr.	UNINA9910293141703321
Autore	Thrun Michael Christoph
Titolo	Projection-Based Clustering through Self-Organization and Swarm Intelligence [[electronic resource]] : Combining Cluster Analysis with the Visualization of High-Dimensional Data // by Michael Christoph Thrun
Pubbl/distr/stampa	Cham, : Springer Nature, 2018 Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer Vieweg, , 2018
ISBN	3-658-20540-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XX, 201 p. 90 illus., 29 illus. in color.)
Disciplina	006.4
Soggetti	Pattern recognition Data structures (Computer science) Pattern Recognition Data Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Approaches to Unsupervised Machine Learning -- Methods of Visualization of High-Dimensional Data -- Quality Assessments of Visualizations -- Behavior-Based Systems in Data Science -- Databionic Swarm (DBS).
Sommario/riassunto	This book is published open access under a CC BY 4.0 license. It covers aspects of unsupervised machine learning used for knowledge discovery in data science and introduces a data-driven approach to cluster analysis, the Databionic swarm(DBS). DBS consists of the 3D landscape visualization and clustering of data. The 3D landscape enables 3D printing of high-dimensional data structures.The clustering and number of clusters or an absence of cluster structure are verified by the 3D landscape at a glance. DBS is the first swarm-based technique that shows emergent properties while exploiting concepts of swarm intelligence, self-organization and the Nash equilibrium concept from game theory. It results in the elimination of a global objective function and the setting of parameters. By downloading the R package

DBS can be applied to data drawn from diverse research fields and used even by non-professionals in the field of data mining. Contents Approaches to Unsupervised Machine Learning Methods of Visualization of High-Dimensional Data Quality Assessments of Visualizations Behavior-Based Systems in Data Science Databionic Swarm (DBS) Target Groups Lecturers, students as well as non-professional users of data science, statistics, computer science, business mathematics, medicine, biology The Author Michael C. Thrun, Dipl.-Phys., successfully defended his Ph.D. in 2017 at the Philipps University of Marburg. Thrun's advisor was the Chair of Neuroinformatics, Prof. Dr. rer. nat. Alfred G. H. Ultsch.

2. Record Nr.	UNINA9910440028503321
Titolo	IEEE Std C37.103-1990 // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 1990
ISBN	0-7381-4434-7
Descrizione fisica	1 online resource (1 page)
Disciplina	535.84
Soggetti	Standardization Packing (Mechanical engineering)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The following topics were dealt with: IEEE C37.103-1990, IEEE Guide for Differential and Polarizing Relay Circuit Testing, covers the testing and verification required to ensure correct connections for ground relay polarizing and differential relay connections. Relay calibration, setting, insulation, and instrument transformer tests are referred to in this guide and are assumed to be developed by the individual user. This guide is not intended to discuss these aspects in detail.
