1. Record Nr. UNINA9910637297003321

Autore	Migne J.-P (Jacques-Paul), <1800-1875>
Titolo	Patrologiae Cursus Completus, sive bibliotheca universalis ... omnium S. S. Patrum, Doctorum, Scriptorumque ecclesiasticorum qui ab aevo apostolico ad Innocentii III tempora floruerunt ... Series Secunda, . Patrologiae Tomus CLXII [[electronic resource]]
Pubbl/distr/stampa	Ann Arbor, Michigan : , : ProQuest LLC, , 1996
Descrizione fisica	1 online resource
Soggetti	Christian literature, Early - Latin authors
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Contains works by : S. Ivo Carnot. Episc. [Tomus secundus]; Petrus Chrysolanus Mediol. Archiep. ; Richardus Card. ; Lambertus Atrebat. ; Galo Paris. ; Godefridus Ambian. ; Episcopi. ; Anselmus Mediolanus Scholast. et Can. Laudun. ; Beatus Robertus de Arbrissello ; Seherus Calmosiac. ; Abbas Joannes Mon. S. Audoeni ; Joannes Mon. Besuen. ; Franciscus Camenus ; Reimbaldus Praepos. ; S. Joann. Leod.

2. Record Nr. UNINA9910896181303321

Autore	Franke Jurgen
Titolo	Statistical Machine Learning for Engineering with Applications / / edited by Jürgen Franke, Anita Schöbel
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-66253-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (393 pages)
Collana	Lecture Notes in Statistics, , 2197-7186 ; ; 227
Altri autori (Persone)	SchöbelAnita
Disciplina	006.31
Soggetti	Statistics Machine learning Statistical Theory and Methods Machine Learning Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- An Introduction of Statistical Learning for Engineers -- Machine Learning for Inline Surface Inspection Systems - Challenges, Approaches, and Application Example -- Gaussian Process Regression for the Prediction of Cable Bundle Characteristics -- Machine Learning for Predictive Maintenance in Production Environments -- Detecting Healthcare Fraud Using Hybrid Machine Learning for Document Digitization -- Cracks in concrete -- Machine learning methods for prediction of breakthrough curves in reactive porous media -- Segmentation and Aggregation in Text Classification -- Hardware-aware Neural Architecture Search -- Optimal Experimental Design Supported by Machine Learning Regression Models -- Data Analytics, Artificial Intelligence and Machine Learning in Mobility and Vehicle Engineering.
Sommario/riassunto	This book offers a leisurely introduction to the concepts and methods of machine learning. Readers will learn about classification trees, Bayesian learning, neural networks and deep learning, the design of experiments, and related methods. For ease of reading, technical details are avoided as far as possible, and there is a particular

emphasis on applicability, interpretation, reliability and limitations of the data-analytic methods in practice. To cover the common availability and types of data in engineering, training sets consisting of independent as well as time series data are considered. To cope with the scarceness of data in industrial problems, augmentation of training sets by additional artificial data, generated from physical models, as well as the combination of machine learning and expert knowledge of engineers are discussed. The methodological exposition is accompanied by several detailed case studies based on industrial projects covering a broad range of engineering applications from vehicle manufacturing, process engineering and design of materials to optimization of production processes based on image analysis. The focus is on fundamental ideas, applicability and the pitfalls of machine learning in industry and science, where data are often scarce. Requiring only very basic background in statistics, the book is ideal for self-study or short courses for engineering and science students.