

1. Record Nr.	UNINA9910457380103321
Autore	Jones Robert Wynn
Titolo	Applications of palaeontology : techniques and case studies / / Robert Wynn Jones [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-139-15285-8 1-107-22123-4 1-108-44697-3 1-283-34246-4 9786613342461 0-511-79375-8 1-139-16140-7 1-139-15583-0 1-139-15758-2 1-139-15935-6
Descrizione fisica	1 online resource (xiv, 406 pages) : digital, PDF file(s)
Disciplina	560.72
Soggetti	Paleontology - Research Earth sciences - Research Engineering geology - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	; 1. Work-flows in applied palaeontology; ; 2. Biostratigraphy and allied disciplines, and stratigraphic time-scales; ; 3. Palaeobiology; ; 4. Sequence stratigraphy; ; 5. Petroleum geology; ; 6. Mineral exploration and exploitation; ; 7. Coal geology and mining; ; 8. Engineering geology; ; 9. Environmental science; ; 10. Other applications and case studies; References; Index.
Sommario/riassunto	Palaeontology, the scientific study of fossils, has developed from a descriptive science to an analytical science used to interpret relationships between earth and life history. This book provides a comprehensive and thematic treatment of applied palaeontology, covering the use of fossils in the ordering of rocks in time and in space,

in biostratigraphy, palaeobiology and sequence stratigraphy. Robert Wynn Jones presents a practical workflow for applied palaeontology, including sample acquisition, preparation and analysis, and interpretation and integration. He then presents numerous case studies that demonstrate the applicability and value of the subject to areas such as petroleum, mineral and coal exploration and exploitation, engineering geology and environmental science. Specialist applications outside of the geosciences (including archaeology, forensic science, medical palynology, entomopalynology and melissopalynology) are also addressed. Abundantly illustrated and referenced, Applications of Palaeontology provides a user-friendly reference for academic researchers and professionals across a range of disciplines and industry settings.

2. Record Nr.

**Titolo**

UNINA9910484669603321

Advanced Machine Learning Technologies and Applications :  
Proceedings of AMLTA 2020 / / edited by Aboul Ella Hassanien, Roheet Bhatnagar, Ashraf Darwish

**Pubbl/distr/stampa**

Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021

**ISBN**

981-15-3383-0

**Edizione**

[1st ed. 2021.]

**Descrizione fisica**

1 online resource (xxi, 757 pages) : illustrations

**Collana**

Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1141

**Disciplina**

006.31

**Soggetti**

Computational intelligence  
Artificial intelligence  
Big data  
Computational Intelligence  
Artificial Intelligence  
Big Data

**Lingua di pubblicazione**

Inglese

**Formato**

Materiale a stampa

**Livello bibliografico**

Monografia

**Nota di contenuto**

Segregating and Recognizing Human Actions from Video Footages using LRCN Technique -- Fall Alert: A Novel Approach to Detect Fall --

Evaluation of Automatic Text Visualization Systems: A Case Study -- Face Recognition Based Attendance System using Real Time Computer Vision Algorithms -- The Impact of Knowledge Management Adoption on the Government Sector's Performance: The Case of Bahrain -- Video Surveillance for the Crime Detection using Features -- Real-time Neural-net Driven Optimized Inverse-kinematics for a Robotic Manipulator -- A Deep Learning Technique to Countermeasure Video Based Presentation Attacks -- Optimization of Loss Functions for Predictive Soil Mapping -- Natural Language Information Extraction through Non Factoid Question and Answering System -- An Enhanced Differential Evolution Algorithm with New Environmental-based Parameters for Solving Optimization Problems -- Reactive Power Optimization Approach based on Chaotic Particle Swarm Optimization -- Data Mining Model for Better Admissions in Higher Educational Institutions (HEIs) -- A Case Study of Bahrain -- The Effectiveness of Renewable Energies Projects in Kuwait - PAAET Solar Energy Project -- Skin Lesion Analyser: An Efficient Seven-Way Multi-Class Skin Cancer Classification Using Mobile Net -- Real-Time Object Detection in Remote Sensing Images using Deep Learning -- Malaria Detection using Convolutional Neural Network -- Drone-Based Face Recognition using Deep Learning -- Traffic Sign Recognition for Self-Driving Cars with Deep Learning -- Identifying the Association Rule to Determine the Possibilities of Cardio Vascular Diseases(CVD) -- Prediction of Service Level Agreement Violation in Cloud Computing using Bayesian Regularization -- A New Methodology for Language Identification in Social Media Code-mixed Text -- Detecting Influencers in Social Networks Through Machine Learning Techniques -- Application and Analysis of K-Means Algorithms on a Decision Support Framework for Municipal Solid Waste Management -- Android Rogue Application Detection using Image Resemblance and Reduced LDA -- An Indexed Non-Probability Skyline Query Processing Framework for Uncertain Data -- Analysis of Operational Control Mode of Intelligent Distribution Grids with Multi-microgrid -- Technical Present Situation based on Micro Grid Operation Control -- Skin Lesion Classification: A Transfer Learning Approach Using Efficient Nets -- Change Footprint Pattern Analysis of Crime Hotspot of Indian Districts -- Itemset Mining based Episode Profiling of Terrorist Attacks using Weighted Ontology -- Enabling Technologies in Banking Industry, Regulatory Technology RegTech and Money Laundering Prevention -- A Cognitive Knowledge Base for Learning Disabilities using Concept Analysis -- Native Monkey Detection using Deep Convolution Neural Network -- Evaluation and Summarization of Student Feedbacks Using Sentiment Analysis -- Predicting Competitive Weight Lifting Performance using Regression and Tree-based Algorithms -- Predicting the Primary Dominant Personality Trait of Perceived Leaders by Mapping Linguistic Cues from Social Media Data onto the Big-Five Model -- Analysis of Users behaviour on Micro Blogging Site using a Topic -- Machine Learning Techniques for Short Term Forecasting of Wind Power Generation -- Integrated Process Management System of Smart Substation Secondary Side based on Practical Scheme -- Research on Forms and Strategies of Alternative Energy Achieved -- Lightweight Access Control Algorithm for Internet of Things -- Named Entity Recognition for Legal Documents -- Visual Speech Processing and Recognition -- Predictive Analytics for Cardiovascular Disease Diagnosis using Machine Learning Techniques -- A Novel Approach for Smart Health Care Recommender System -- Heart Disorder Prognosis employing KNN, ANN, ID3 and SVM -- IoT based Home Security System with Wireless Communication -- Implementation of Internet of Things IoT in Small Business Industry:

Case of Bahrain -- A Comparative Study of Model-Free Reinforcement Learning Approaches -- Location Aware Security System for Smart Cities using IoT -- An Assessment Study of Gait Biometric Recognition using Machine Learning -- A Study on Risk Management Practices in Online Banking in Bahrain -- Deep Learning Techniques: An Overview -- A Multilayer Deep Learning Framework For Auto-Content Tagging -- Case Based Reasoning (CBR) based Anemia Severity Detection System (ASDS) Using Machine Learning Algorithm -- ECG Signal Analysis, Diagnosis and Transmission -- The Effect of Real-Time Feedback on Consumer's Behaviour in the Energy Management Sector: Empirical study -- Synchronization Control in Fractional Discrete-Time Systems with Chaotic Hidden Attractors -- Employment of Cryptographic Modus Operandi based on Trigonometric Algorithm and Resistor Color Code -- Experimental & Dimensional Analysis Approach for Human Energy Required In Wood Chipping Process -- Impact of High-k gate dielectric and Workfunctions Variation on Electrical Characteristics of VeSFET -- Correlating Personality Traits to Different Aspects of Facebook Usage -- Fractional Order control of a Fuel Cell-boost Converter System -- Battery Pack Construction Scheme based on UPS System Reliability -- Study on Land Compensation for High Voltage Transmission Lines in Power Grid based on Easement -- Study on the Terrain of Power Network Construction Expropriation and Legal Risk Prevention.

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#### Sommario/riassunto

This book presents the refereed proceedings of the 5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA 2020), held at Manipal University Jaipur, India, on February 13 – 15, 2019, and organized in collaboration with the Scientific Research Group in Egypt (SRGE). The papers cover current research in machine learning, big data, Internet of Things, biomedical engineering, fuzzy logic and security, as well as intelligence swarms and optimization.

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