1. Record Nr. UNINA9910794377903321

Autore	Benolken Ralf
Titolo	Mathematisch begabte Madchen : Untersuchungen zu geschlechts- und begabungsspezifischen Besonderheiten im Grundschulalter / / Ralf Benolken
Pubbl/distr/stampa	Munster : , : WTM Verlag fur wissenschaftliche Texte und Medien, , [2015] ©2015
ISBN	3-942197-49-9
Descrizione fisica	1 online resource (554 pages)
Collana	Schriften zur mathematischen Begabungsforschung ; ; 3
Disciplina	371.95082
Soggetti	Gifted girls - Education
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	PublicationDate: 20150521
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Long description: Bereits im Grundschulalter wird eine mathematische Begabung bei Mädchen seltener als bei Jungen diagnostiziert, so dass sich aus begabungstheoretischer Sicht die Frage nach einer Erklärung für dieses Phänomen stellt. Hierfür liefern biologisch-medizinische, soziologische oder sozialpsychologische Wissenschaftsdisziplinen durchaus fundierte, aber meist auf den Fokus einer Einzeldisziplin gerichtete und allein deshalb keinesfalls hinreichende Begründungsansätze. Die vorliegende Arbeit analysiert zunächst die vorhandenen wissenschaftlichen Erkenntnisse aus einer interdisziplinären und mathematikdidaktischen Perspektive. Auf dieser Basis werden mithilfe quantitativer und qualitativer empirischer Untersuchungen und unter einer ganzheitlich-komplexen Sichtweise besondere Merkmale und Merkmalsausprägungen mathematisch begabter Mädchen herausgestellt. Aus den gewonnenen Erkenntnissen werden abschließend Möglichkeiten einer effizienteren Diagnostik und Förderung dieser Mädchen abgeleitet. Long description:

2. Record Nr. UNINA9911001782403321

Titolo	Intersection of Artificial Intelligence, Data Science, and Cutting-Edge Technologies: From Concepts to Applications in Smart Environment : ICAISE'2024, Volume 1 / / edited by Yousef Farhaoui, Tutut Herawan, Agbotiname Lucky Imoize, Ahmad El Allaoui
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-88304-7
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XIV, 754 p. 307 illus., 260 illus. in color.)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1353
Disciplina	006.3
Soggetti	Computational intelligence Engineering - Data processing Artificial intelligence Computational Intelligence Data Engineering Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Enhancing Customer Segmentation with Unsupervised Deep Learning -- Development of an EEG Controlled Soft Robotics-Based Active Hand Prosthesis for Enhanced Functionality -- RCSF & IOT In Monitoring of Obstructive Sleep Apnea -- Artificial Intelligence full potential yet attained in the e participation -- Recognition of American Sign Language using hard voting -- Smart Intrusion Detection System in Cloud Computing : A Systematic Review -- Enhancing last mile delivery efficiency through connected vehicle technology and collaborative logistics A systematic literature review -- A Review of some Semantics Methods for Translating Moroccan Text to Moroccan Sign Language -- Analysis of Depressed Patients' Sentiments towards Treatment AI Approach for Healthcare Professionals -- Understanding AI and Google's broader efforts in AI -- Integration of Generative AI and Multimodal Deep Learning for Early Detection of Chemotherapy Induced Cardiotoxicity -- Optimizing Workforce Stability Machine Learning Approaches for Predicting Employee Attrition -- XAI Driven Credit Risk

Modeling A Comparative Analyses of Model Performance and Interpretability -- Adaptive Machine Learning Based Intrusion Detection Systems for IoT Networks A Dynamic Approach -- The nexus between renewable energy and Industry 5.0 A Data Driven Approach -- Integrating Augmented Reality and IoT Sensors for Advanced Real Time Greenhouse Control -- Design of Compact Band pass Filter Using Metamaterial Cell Unit Structures for Modern Communication Systems -- Feature Selection Techniques for Linear Regression in Solar Irradiance Forecasting -- A Survey on Image based ulcer detection -- Enhancing Cyber Resilience through AI Driven Phishing Tests and Gamified Learning -- Identifying and Preventing Fraudulent Activities in Financial Transactions Using Artificial Intelligence -- A Novel Deep Clustering Approach to Assess Dominance Between Solutions of a Multi-Objective Optimization Problem -- Harnessing artificial intelligence in mobile health for diabetes management: A systematic review -- Advances in Solar Energy Forecasting: Integrating Machine Learning and Hybrid Approaches -- Mathematical Modeling of Monetary Poverty by K-Nearest Neighbors Algorithm -- The effects of Fintechs on the Financial Performance: An Empirical Study Based on Moroccan innovative companies -- Machine learning for water resources in Morocco rapid review -- Assessing Territorial Attractiveness in Moroccan Provinces: A Structural Modeling Approach -- Intelligent Radar Systems A Comprehensive Study of Cognitive Radar's Evolution and Principles -- Use of Deep Learning Techniques for Classification and Prediction of High School Students Needing Academic Support -- A high gain and wideband dual port-based metamaterial MIMO antenna for 5G applications -- Machine Learning for Detecting Fake Accounts in OSNs A Review -- Literature Review on Smart Student Orientation Based on Recommendation Systems -- Enhancing Financial Decision Making with Explainable Artificial Intelligence A Case Study in Credit Risk Assessment -- A Novel Deep Ordinal Neural Network Model for Guava Fruit Quality Control -- Enhancing Urban Pollution Reduction via Reinforcement Learning-Based Traffic Light Optimization -- Optimization of a system to enhance photovoltaic module performance while producing thermal energy -- Improved Fault Classification in Photovoltaic Panels Using kNN Machine Learning -- Nudging Users Towards Embracing Electronic Payments -- CNN and Vision Transformer Models for Detecting Cheating in Online Examinations A Comparative Evaluation -- Conception of a Symmetric Fully Homomorphic Protocol based on Gentry Scheme -- Lane Detection using Computer Vision Techniques -- Design and Optimization of Fractal Multiband Antenna for mmWave Applications -- Comparative Analysis of Supervised Machine Learning Classification Models -- Toward a QoS improvement in IoT by Combining Fuzzy Logic and Machine Learning Algorithms -- AI integration in finance a shortfall -- A Deep Learning Framework for Pedestrian Detection from FMCW Radar Data -- Pruning and Quantization of CNN Based Intrusion Detection Systems for Cyber-Physical Systems -- Efficient Data Preprocessing for Ecological Quality Assessment in Marine Environments -- Comparative Analysis of Advanced Deep Learning Models for Depression and Suicide Detection on Social Media -- Metrics of Attractiveness: Developing a synthetic index for the territorial attractiveness of small towns in Morocco -- Optimizing Post Quantum Blockchain Performance Through Adaptive Block Segmentation: A Comparative Study -- Machine learning approach for the classification to overcome traffic sign detection challenge -- Hybrid Approach for IoT based Medical image Encryption and Compression using Modified AES and Chaos Theory -- Study and design of a new "MIMO" printed

antenna structure for industrial, scientific, and medical applications -- A Hybrid Method for Student Engagement Recognition Using Handcrafted Features and Vision Transformer -- The impact of Artificial Intelligence on Healthcare : A Comprehensive Review -- Optimal location of high/low voltage transformer stations by K-Means method and scheduling of electric meters -- Intelligent Information Processing in CRM Through Big Data Analytics: A Systematic Literature Review -- A Review on Artificial Intelligence for Water Treatment by desalination Using Reverse Osmosis -- Introduction to Quantum-Resistant Cryptography in Payment Systems -- Advanced Sarcasm Detection in Arabic Text Integrating AraBERT with Sequential RNN Layers -- Virtual Resource Optimization using Artificial Intelligence in Hyperconverged Environment -- Gene Selection for Cancer Classification Using Minimal Dominant Independent Set -- Quantum Assisted Hyperparameter Tuning Challenge for Financial Fraud Detection -- Ara-DAQUAR Into Arabic Question Answering on real world images -- Optimizing Energy Management in Smart Environments A Review of Strategies, Challenges, and Future Directions -- Research, ethics and artificial intelligence challenges and opportunities -- Enhancing Scalability and Performance in Big Data Query Processing: A Multi Faceted Approach -- Predicting Employee Turnover with Explainable AI -- Multi machine learning models for blood donor prediction: A data analysis and visualization approach -- Predicting Customer Gender Based on E Commerce Activity Patterns -- A Survey on ZigBee Indoor Distance Measurement -- Arabic Handwritten Words Recognition and Classification using Autoencoder Deep Learning -- Revolutionizing Breast Cancer Detection with Cutting-Edge Convolutional Neural Networks -- Hybrid Deep Learning and Machine Learning Models for Early and Accurate Detection of Diabetic Retinopathy -- A Multi Layered Protection System for Enhancing Data Security in Cloud Computing Environments -- Blockchain Driven Health Security through Machine Learning Adoption -- Contextual Analysis of Big Data Analytics in Intelligent Transportation Frameworks -- The Impact of Artificial Intelligence in Scientific Research -- Artificial intelligence and leadership: trends and challenges of a relationship under construction -- Detection of Pneumonia using Deep Learning Algorithms: Yolo V5 and CNN on X Ray Images -- Preserving Privacy during BI to Cloud Migration An Automated Approach to Data Anonymization -- Opportunities offered by AI for urban planning -- Advancing Early Oral Cancer Detection with Image Processing and AI -- Enhancing Fraudulent Activity Detection in Credit Card Transactions with Adaptive Boosting and Voting -- A Gender Based Targeted Advertisement System -- Development of an Intelligent Health Prediction System for Comprehensive Human Body Analysis -- Real Time IoT Based Farm Monitoring and Decision Support System Using Random Forest Algorithm -- Design and Operational Insights of IoT-Integrated Hydroponics Systems Using Fog Computing for Sustainable Urban Agriculture -- Scoping Review of YOLO Applications in Emergency Vehicle Detection -- Enhancing Deep Learning Models for Date Palm Disease Classification through Advanced Attention Mechanisms -- Moroccan Dates in a Circle of Danger Due to Successive Oasis Fires -- Towards an architecture for an automated cryptocurrency algorithmic trading system -- Balancing Data Protection in The Age of Digitization -- Plant disease classification using deep learning and the hyperband strategy -- Ensemble learning based bitcoin daily price log return forecasting -- Data privacy in the light of Big Data -- Classifying ECG Signals using LSTM and RNN -- Innovative HR Technologies for the Modern Workforce.

Sommario/riassunto

This book explores the integration of AI, data science, and emerging

technologies to create innovative, practical solutions for smart environments. This book offers a comprehensive framework that combines theoretical concepts with real-world applications, focusing on how these technologies intersect to transform various domains such as healthcare, urban planning, and sustainable development. The book's novel approach emphasizes interdisciplinary methods and problem-solving in dynamic, data-driven environments, with case studies illustrating practical impacts and advancements in smart city infrastructure, IoT, and predictive analytics. It is designed for researchers, practitioners, and advanced students interested in AI and data science applications within smart systems, as well as professionals seeking actionable insights to apply these technologies in complex environments.