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Livello bibliografico	Monografia
Nota di contenuto	Regulations and Ethics of Artificial Intelligence -- Examining Potential Harms of Large Language Models(LLMs) in Africa -- The Legal Framework of Artificial Intelligence in Cameroon -- Resource-constrained Networks and Cybersecurity -- A Gamification Architecture to Enhance Phishing Awareness -- Improvement of Cloud-Assisted Identity-Based Anonymous Authentication and Key Agreement Protocol for Secure WBAN -- DIDOR: A Decentralized Identifier Based Onion Routing protocol -- Feature Analysis and Classification of Collusive Android App-Pairs Using DBSCAN Clustering Algorithm -- Feature Engineering Considerations in IoT: A Case Study -- Correlation clustering adapted for cell site management of mobile networks in

developing countries -- A lightweight authenticated key agreement scheme for resource-constrained devices based on implicit certificates and finite graphs -- Emerging Artificial Intelligence Applications -- Machine and Deep Learning Models for the Prediction of Performance and Speed Regulation Parameters of a Turbojet Engine using Electric Power Transfer -- Advancing High-Resolution Weather Prediction through Machine Learning and GNSS Techniques -- French-Fulfulde Textless and cascading speech translation: towards a dual architecture -- Assessment of thermal comfort using PMV, aPMV, ePMV and TSV indices in a naturally ventilated building -- Classification Analysis of Some Cancer Types Using Machine Learning -- Development of an Intelligent Safety Monitoring Device for Train-Track System in Cameroon -- Towards a Flexible Urbanization Based Approach for Integration and Interoperability in Heterogeneous Health Information Systems: Case of Cameroon -- Food recommender system based on artificial intelligence :the case of Sub-saharan Africa -- Detection and Recognition of Cough Sounds Using Deep Learning for Medical Monitoring -- DeepAF: A Multi-task deep learning model for Arrhythmias detection at Resource-Constrained Mobile Device -- Wine features importance and quality prediction: A comparative study of machine learning algorithms with unbalanced data -- Covid-19 Data Preprocessing Approach in Machine Learning for Prediction -- Evaluation of machine learning and deeplearning algorithms applied to earth observation data for change detection in polarimetric radar images -- Reviews -- Machine Learning Techniques for the management of Diseases: A paper Review -- Support to Interaction between Medical Practitioners and Patients: A Systematic Review. .

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## Sommario/riassunto

This book constitutes the refereed proceedings of the First EAI International Conference on Safe, Secure, Ethical, Responsible Technologies and Emerging Applications, SAFER-TEA 2023, held in Yaoundé, Cameroon, during October 25-27, 2023. The 24 full papers were carefully reviewed and selected from 75 submissions. They were organized in topical sections as follows: Regulations and Ethics of Artificial Intelligence, Resource-constrained Networks and Cybersecurity, Emerging Artificial Intelligence Applications, Reviews.

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