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Soggetti	Machine learning Natural language processing (Computer science) Image processing Software engineering Computer networks - Security measures Machine Learning Natural Language Processing (NLP) Image Processing Software Engineering Mobile and Network Security
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Nota di contenuto	-- Convolutional neural network based detection approach of undesirable SMS (Short Message Service) in the Cameroonian context. -- Time aware implicit social influence estimation to enhance recommender systems performances. -- Analysis of COVID-19 coughs: From the mildest to the most severe form, a realistic classification using deep learning. -- SLCDeepETC : An On-Demand Analysis Ready Data pipeline on Sentinel-1 Single Look Complex for Deep Learning. -- Robusness of image classification on imbalanced

datasets using capsules networks. -- Application of the multilingual acoustic representation model XLSR-53 for the transcription of Ewondo. -- Self-supervised and multilingual learning applied to the Wolof, Swahili and Fongbe. -- Explaining Meta-learner's Predictions: case of corporate CO2 emissions. -- Building and validating an ontology for public procurement : The case of Cameroon. -- A Hybrid Algorithm Based on Tabu Search and K-means for Solving The Traveling Salesman Problem. -- Hybridization Of A Recurrent Neural Network By Quadratic Programming For Combinatory Optimization. -- A New Hybrid Algorithm Based on Ant Colony and Neural Networks with Attention Mechanism for Solving the Traveling Salesman Problem. -- Recurrent Neural Network Parallelization for Hate Messages Detection. -- Two high capacity text steganography schemes based on color coding. -- Integration of the triple block data security model based on distributed crypto-steganography in a distributed system.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th Conference on Research in Computer Science, CRI 2023, held in Yaounde, Cameroon, during December 12-13, 2023. The 16 full papers included in this book were carefully reviewed and selected from 72 submissions. The CRI 2023 proceedings focus on artificial intelligence, machine learning, natural language processing, computer vision, cryptography and distributed computing.
