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Nota di contenuto	symKrypt: A Lightweight Symmetric-Key Cryptography for Diverse Applications -- PK-BERT: Knowledge Enhanced Pre-trained Models with Prompt for Few-shot Learning -- Typhoon Track Prediction Based on TimeForce CNN-LSTM Hybrid Model -- The Novel Characterizing Method of Collective Behavior Pattern in PSO -- Research on Box Office Prediction of Commercial Films Based on Internet Search Index and Multilayer Perceptron -- A DCRC Model For Text Classification -- Hierarchical Medical Classification based on DLCF -- Noise Detection and Classification in Chagasic ECG Signals based on One-Dimensional Convolutional Neural Networks -- Based on the analysis of interrelation between parallel distributed computer system and network -- Improvement of DGA Long Tail Problem Based on Transfer Learning -- A Phonetics and Semantics-Based Chinese Short Text Fusion Algorithm -- Feature Extension for Chinese Short Text Based on Tongyici Cilin -- Task-Level Consistency Semi-Supervised Based Domain Adaptation for Lung Nodules Segmentation -- Malaria Blood Smears Object Detection

based on Convolutional DCGAN and CNN Deep Learning Architectures.

Sommario/riassunto

This book presents scientific results of the 22nd IEEE/ACIS International Conference on Computer and Information Science (ICIS 2022) held on June 26-28, 2022 in Zhuhai China. The aim of this conference was to bring together researchers and scientists, businessmen and entrepreneurs, teachers, engineers, computer users, and students to discuss the numerous fields of computer science and to share their experiences and exchange new ideas and information in a meaningful way. Research results about all aspects (theory, applications, and tools) of computer and information science and to discuss the practical challenges encountered along the way and the solutions adopted to solve them. The conference organizers selected the best papers from those papers accepted for presentation at the conference. The papers were chosen based on review scores submitted by members of the program committee and underwent further rigorous rounds of review. From this second round of review, 14 of the conference's most promising papers are then published in this Springer (SCI) book and not the conference proceedings. We impatiently await the important contributions that we know these authors will bring to the field of computer and information science.
