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Framework for Retinal Image Segmentation -- Cosine Similarity based Group Movie Recommendation Scheme considering Privacy of Users -- Enhancing Face Recognition Accuracy using the ED-FFP Extraction Method and Ensemble Learning for Forensics and Cyber Security -- Intrusion Detection Using Federated Learning -- Advances in Machine Learning -- A Comparative Analysis of Classification Algorithms used for predicting Parkinson's Disease -- Optimization of Cluster based Charging dynamics and routing of EV using Deep RNN -- Analysis and Prognosis of Water Quality for River Ganga using Water Quality Index -- Detection of Android Ransomware using Machine Learning Approach -- Cyber Security and Layering of Medical Data Using Machine Learning Algorithms -- Analysis on Classification of Handwritten Devanagari Characters using Deep Learning Models -- Cloud, IoT and Computing Technologies -- Analysis and Comparison of Different Frontend Frameworks -- Lightweight Capability-Based Access control for Internet of Things (IoT) -- Securing IoT using blockchain -- Vikas: A Multimodal framework to Aid in Effective Disaster Management -- Discovery of Rare Itemsets using Hyper-Linked Data Structure: A Parallel Approach.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 13th International Conference, on Applications and Techniques in Information Security, ATIS 2022, held in Manipal, India, December 30–31, 2022. The 23 full papers included in this book were carefully reviewed and selected from 121 submissions. They were organized in topical sections as follows: Privacy and Security, Advances in Machine Learning, Cloud, IoT and Computing Technologies. |