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Machine Translation Technique -- Future Price Prediction of IT Sector Companies Using Optimized Deep Learning Approaches -- Stacked Spatio-Temporal Fusion Network (SSTFN) Machine Learning-Based Traffic Prediction -- Improving the efficiency of EMG based prosthetic arm using EEG -- Analysis of Solar Panel Parameters for Extracting Maximum Power using Artificial Neural Network based Training Algorithm -- A Review on Anomaly Detection using Machine Learning Techniques for Unmanned Aerial Vehicles (UAVs) -- Unlocking the Power of OpenCV: Innovative Development of Gesture-Based Systems.

Sommario/riassunto	This book is a collection of best selected research papers presented at the International Conference on Modern Practices and Trends in Expert Applications and Security (MP-TEAS 2024). This book contains articles on current trends of machine learning, internet of things, and smart cities applications emphasizing on multi-disciplinary research in the areas of artificial intelligence and cyber physical systems. The book is a great resource for scientists, research scholars, and PG students to formulate their research ideas and find future directions in these areas.