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Nota di contenuto	Alternative Data Augmentation for Industrial Monitoring using Adversarial Learning -- Multi-stage Conditional GAN Architectures for Person-image Generation -- Evaluating Deep Learning Models for the Automatic Inspection of Collective Protective Equipment -- Intercategorical Label Interpolation for Emotional Face Generation with Conditional Generative Adversarial Networks -- Forecasting the UN Sustainable Development Goals -- Disrupting Active Directory Attacks with Deep Learning for Organic Honeyuser Placement -- Crack Detection on Brick Walls by Convolutional Neural Networks using the Methods of Sub-Dataset Generation and Matching.

This book constitutes the refereed post-proceedings of the First International Conference and Second International Conference on Deep Learning Theory and Applications, DeLTA 2020 and DeLTA 2021, was held virtually due to the COVID-19 crisis on July 8-10, 2020 and July 7–9, 2021. The 7 full papers included in this book were carefully reviewed and selected from 58 submissions. They present recent research on machine learning and artificial intelligence in real-world applications such as computer vision, information retrieval and summarization from structured and unstructured multimodal data sources, natural language understanding and translation, and many other application domains.
