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Altri autori (Persone)	AnandG. Paavai DurgadeviM DilipGolda KannadhasanS
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Nota di contenuto	IoT, Cloud and Data Science -- Preface -- Table of Contents -- Chapter 1: Machine Learning to Image Processing and Computer Vision -- Hand Gesture Recognition Used for Functioning System Using OpenCV -- Sign Language Detection Application Using CNN -- SIGN BOT Extending an Ability to Communicate by Creating an Indian Sign Language -- Replicare: Real-Time Human Arms Movement Replication by a Humanoid Torso -- Brain Tumor Detection Using Deep Learning -- Music Recommendation System Using Facial Emotions -- Face Mask Detection Using OpenCV -- Crack Detection of Pharmaceutical Vials Using Agglomerative Clustering Technique -- Obstacle Detection and Text Recognition for Assisting Visually Impaired People -- Recognition of American Sign Language with Study of Facial Expression for Emotion Analysis -- Recognition of Plant Leaf Diseases Using CNN -- Face Mask and Social Distancing Detection Using Faster Regional Convolutional Neural Network -- Sign Language Detection Using Action Recognition -- Brain Tumor Segmentation Using Modified Double U-Net Architecture -- Surveillance Image Super Resolution Using SR - Generative Adversarial Network -- Classification of Covid-

19 X-Ray Images Using Fuzzy Gabor Filter and DCNN -- Using Transfer Learning for Automatic Detection of Covid-19 from Chest X-Ray Images -- Detect Anomalies on Metal Surface -- Indian License Plate and Vehicle Type Recognition -- Proposed Music Mapping Algorithm Based on Human Emotions -- Detection of Bike Riders with no Helmet -- Classification of Retinal Images Using Self-Created Penta-Convolutional Neural Network -- Weather Image Classification Using Convolution Neural Network -- Facial Landmark and Mask Detection System -- Candidate Prioritization Using Automated Behavioural Interview with Deep Learning -- Book Recommendation Based on Emotion in the Online Library Using CNN

Sommario/riassunto

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