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leading areas. Researchers, engineers and professionals on industries can find advanced technologies, devices, insights and solutions for a broad range of applications, including: - Piezoelectric power transducers - Multisensory for veins detection for robotic-based catheters insertion - Robot-sensor network cooperation for SLAM - Wind speed influences on RGB-D images in trees - Spectrophotometer for physiopathy detection in chickens - Radon gas and ionization detection - Vibrations measurements in robots - Architectures for multisensor intelligent robots - Ultrasound for tissue characterization - Active imaging model - Image-based for crack detection in tunnels - Wireless sensor nodes for energy harvesting, industrial monitoring, concrete cure - Vibroacoustic Impact on the Architectonic Heritage - Sensors motion capture in wearables - Torsional wave sensor - Model-based non-rigid tracking - Stair-Climbing Mobility - IoT-based people monitoring - Laser Speckle System - Odometric in an autonomous electric cart - New control paradigms - Concentric electrodes for ECG and intestinal exploration - Trusted virtual sensors - Thermo-Hygrometric measurements in archaeology - Intensive care unit - Multi-beam Lidar 3D scan - Hyperspectral Imaging in brain tumor - Crowdsensing in smart cities - Strain method to detect tires' loss - Optical force sensor - Portable sensor for substance concentration measurements - High-Frequency content in Human QRS complexes - Fusion of proximity sensors data - Electro-magnetic acoustic system - Computer vision on aerial robots for surface inspection - Dual-reflectarray antennas.
