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Environments -- Real Time Communication Alert System for Missing Vessels in Deep Sea -- A Study of CNN Architectures over Two Hands Indian Sign Language Dataset -- Periocular Recognition Under Unconstrained Conditions Using CNN Based Super-Resolution -- Performance Evaluation of RNNs for Short-Term Investment Decision in Stock Market.

Sommario/riassunto	This book constitutes best selected research papers presented at the International Applied Soft Computing and Communication Networks (ACN 2019) held in Trivandrum, Kerala, India during December 18 – 21, 2019. The papers are organized in topical sections on real time and multimedia communications, security and privacy, network management and software-defined networks, Internet of Things (IoT) and cyber-physical systems, intelligent distributed systems, mobile computing and vehicle communications, surveillance networks and visual intelligence, and emerging topics. The book is a reference for researchers and scientists engaged in various fields of intelligent systems.