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Nota di contenuto	Intro -- Preface -- Organization -- Contents -- MmLiquid: Liquid Identification Using mmWave -- 1 Introduction -- 2 Related Work -- 2.1 Wireless Sensing -- 2.2 Liquid Identification -- 3 Background and Motivation -- 3.1 mmWave Background -- 3.2 Liquid Properties and mmWave -- 3.3 Preliminary Study and Motivation -- 4 Overview -- 5 MmLiquid Design -- 5.1 Data Collection Module -- 5.2 Data Reconstruction Module -- 5.3 Classification Model -- 6 Performance Evaluation -- 6.1 Implementation -- 6.2 Liquid Identification Performance -- 7 Conclusion -- References -- PASD: A Prioritized Action Sampling-Based Dueling DQN for Cloud-Edge Collaborative Computation Offloading in Industrial IoT -- 1 Introduction -- 2 Related Work -- 3 System Model -- 3.1 Task Model -- 3.2 Transmission Model -- 3.3 Computing Model -- 3.4 Problem Formulation -- 4 Computation Offloading and Resources Allocation with PASD -- 4.1 MDP -- 4.2 PASD Model -- 5 Evaluation -- 5.1 Experimental Environment -- 5.2 Parameter Settings -- 5.3 Experimental Results -- 6 Conclusion -- References -- Automatic Construction of Large-Scale IoT Datasets with Multi-strategy Fusion -- 1 Introduction -- 2 Dataset Construction Methods -- 2.1 Construction of Original Data -- 2.2 Data Classification and Filtering -- 2.3 Refinement of the Data -- 2.4 Data Standardization -- 3 Data Analysis and Application -- 4 Conclusion -- References --

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