Low-Complexity Multiuser Detection for Uplink Large-scale MIMO

对比算法：MF，MSE, appro-MMSE

调制方式：QPSK 64x128 16X128

16QAM 64x128 8x128

Near Maximum-Likelihood Detector and Channel Estimator for Uplink Multiuser Massive MIMO Systems With One-Bit ADCs

对比算法：ML、ZF、GAMP

调制方式：QPSK 4x32

8PSK 8x192 8x128

Soft-Output Detection Methods for Sparse Millimeter Wave MIMO Systems with Low-Precision ADCs

调制方式：BPSK、4QAM

Censored Approximate Message Passing Based Multiuser Detection in Massive MIMO

对比算法：MMSE、CEN-GAMP

调制方式：16QAM

Low-Complexity MIMO Detection Based on Belief Propagation Over Pairwise Graphs

对比算法：MMSE、MAP

调制方式：QPSK、BPSK、16QAM

A Simple Two-stage detector for Massive MIMO Systems with one-bit ADCs

对比算法：ZF(原始)、ML

调制方式：QAM 4x32

8QAM 8x128

Robust Data Detection for MIMO Systems With One-Bit ADCs: A Reinforcement Learning Approach

对比算法：ML、MSE

调制方式：QAM、16QAM 2x8 4x8

SLIDING WINDOW BASED LINEAR SIGNAL DETECTION USING 1-BIT QUANTIZATION AND OVERSAMPLING FOR LARGE-SCALE MULTIPLE-ANTENNA SYSTEMS

对比算法：ZF、LRA-ZF、LRA-MMSE

调制方式：2QAM、4QAM 12x64

Multiuser Detection for Uplink Large-scale MIMO under One-Bit Quantization

对比算法：MMSE

调制方式; QAM 8x64 16x64 32x64 16x128 32x128 64x128 32x256 64x256 128x256

Uplink Massive MIMO Systems with One-Bit ADCs: A Low-Complexity Weighted Minimum Distance Decoding

对比算法：ZF、ML

调制方式: QPSK 8x64 6x64 5x32