



QUASI-ORTHOGONAL SPACE TIME CODES: APPROACHING OPTIMALITY (ThuAmOR4)

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✳ Abstract :

In this tutorial we report on recent findings in Quasi-orthogonal Space-Time Block Codes and show how these codes can be modified to offer high flexibility for many transmission schemes, support antenna selection, water filling and beam-forming, guarantee optimal diversity, provide high capacity and still work with low complexity well suited for implementation. Examples from real-time measurements support our statements.

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