

Kinetic Inductance Traveling Wave Parametric Amplifiers for Practical Microwave Readout

Friday, 7 February 2025 11:45 (15 minutes)

Superconducting quantum systems and fundamental physics experiments demand amplifiers with large bandwidth and noise to the quantum limit. We present Kinetic Inductance Traveling-Wave Parametric Amplifiers, designed to enhance qubit and detector readout with improved performance.

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