



Distance-7 surface code implemented on 97 qubits (data: red circles; ancilla: blue circles) of a superconducting quantum processor with all-microwave leakage suppression. Subsets are shown with red and orange lines. Selected for a Viewpoint in *Physics Magazine* and for an Editors' Suggestion. [Tan He *et al.*, Phys. Rev. Lett. **135**, 260601 (2025)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

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