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IBM's experimental quantum computing effort. MATTHIAS STEFFEN, IBM, DAVID DIVINCENZO, MATTHEW FARINELLI, GEORGE KEEFE, MARK KETCHEN, SHWETANK KUMAR, FRANK MILLIKEN, MARY BETH ROTHWELL, JIM ROZEN — We present our experimental quantum computing effort and discuss results on flux and phase qubits.

Matthias Steffen IBM

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