ALICE & BOB

OVERVIEW OF OUR SCIENTIFIC EDGE AND OUR SHARED VISION 20

Alice & Bob: building a universal, fault-tolerant quantum computer



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Cat qubits

The perfect basis for logical qubits

Quantitative Approach

Standard Qubits + Surface Code

30 Oubits

Qualitative Approach

Cat Qubits + Repetition Code

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30 Qubits	666 - 666	30 Standard Qubits	1 Cat Qubit
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		Qubits	\square
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Shor to break RSA





