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introduction

- A bit of math.
- Some of the major players.

Vectors and Matrices

Vectors are "columns"

Qubits

- Spin
- Trapped Atoms and Ions
- Photons
- Superconducting Circuits

Some Quick Notation

- The Greek letter Psi Ψ
- Dirac notation, including "bra" $\langle 0|$ and "ket" $|0\rangle$
- You might see Psi in a "ket" like so $|\Psi\rangle$

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Quantum Supremacy

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Quantum KDCs

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Introduction

The State of Things

Commercial Efforts

Google

- so many free resources!
- The "cirq" module for Python.

- What is cirq?

- Souds of IBM Quantum

Amazon

- amazon-braket-sdk