Two-Qubit Dynamics with Josephson Qubits

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History

History

Topic of this slide

History

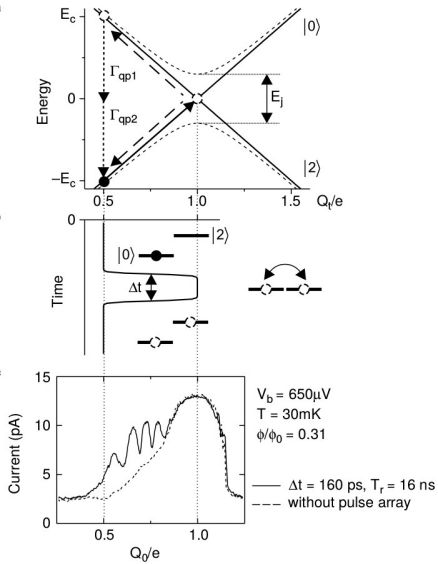Topic of this slide
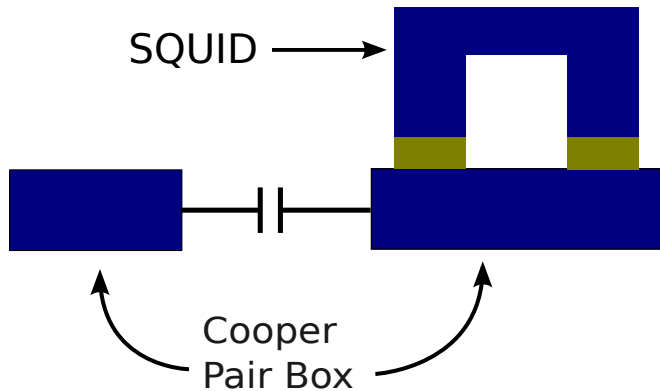
Figure : A simple caption

Coupling of Two Qubits

Coupling of Two Qubits

Review

SQUID
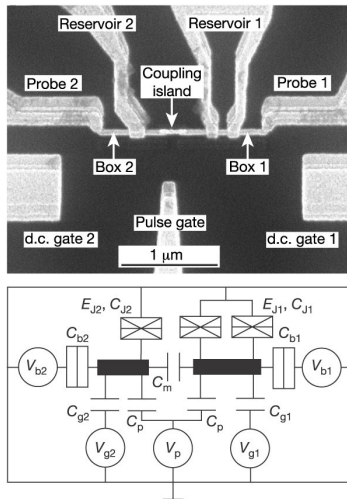
Cooper
Pair Box

Coupling of Two Qubits

The Circuit

Coupling of Two Qubits

Parameter Measurements

Coupling of Two Qubits

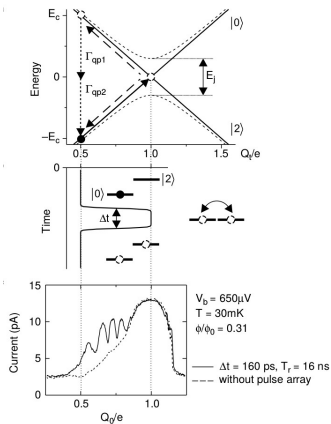## Charging Diagram of Single-Qubit Case

Coupling of Two Qubits
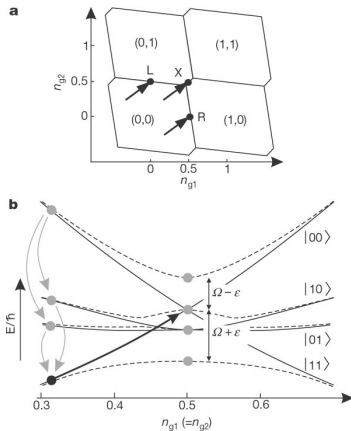
Charging Diagram of Two-Qubit Case

Coupling of Two Qubits

Charging-Energy Diagram

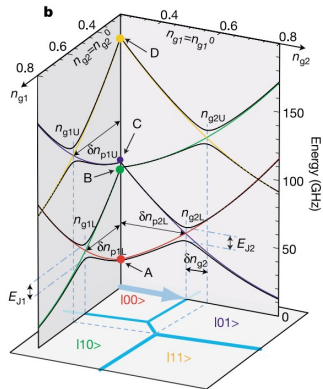Figure : http://qudev.ethz.ch/content/courses/QSIT09/pdfs/Yamamoto2003.pdf
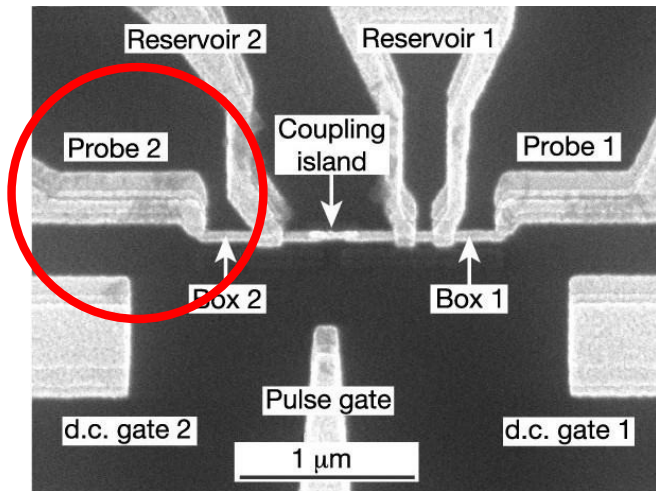
Coupling of Two Qubits

State Readout

Coupling of Two Qubits

Frequency Responces
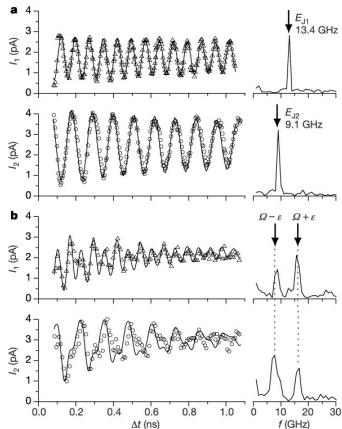
Fabrication Techniques

Fabrication Techniques
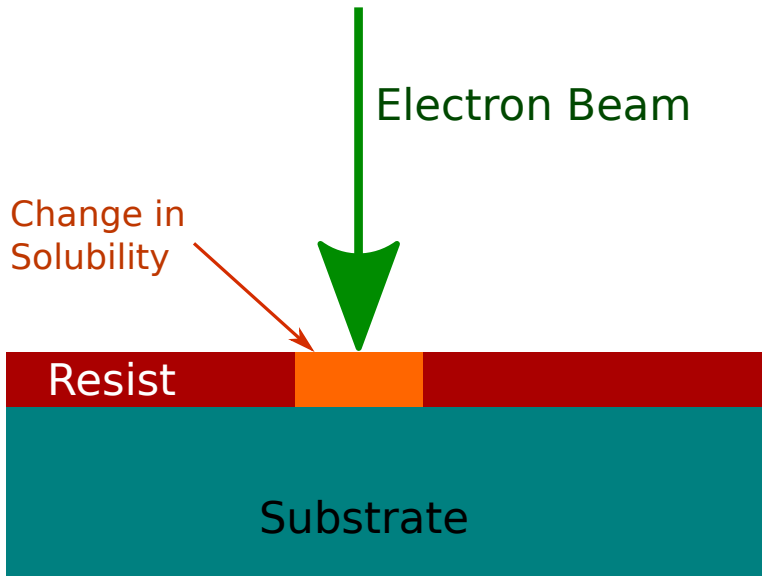
Evapouration (Deposition)

Vacuum and Heat

Source Material

Target Material

Electron Beam

Change in Solubility

Resist

Substrate
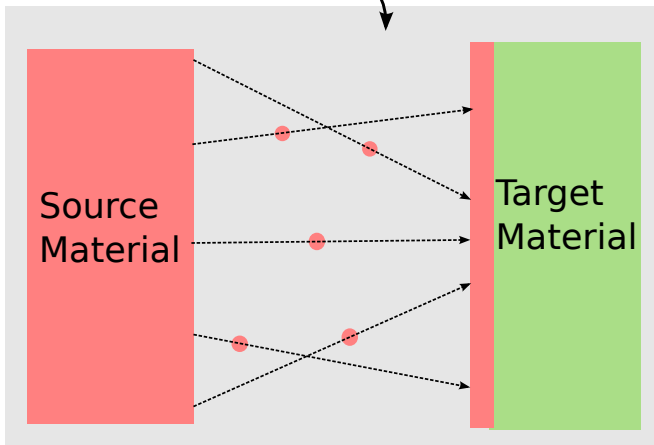
Fabrication Techniques

Etching
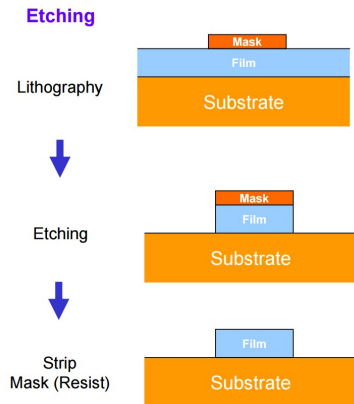
Fabrication Techniques

Lift-off
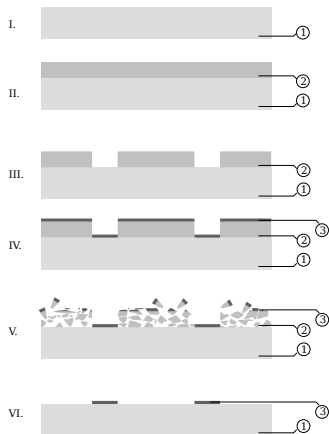
Fabrication Techniques
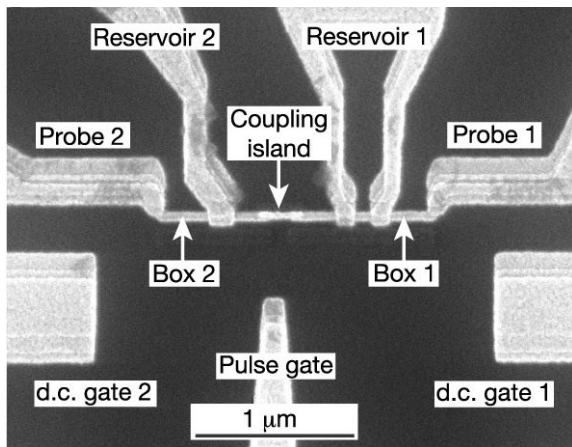
SEM image of a SQUID qubit

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