Understanding Quantumness And Testability.

D. Ponarovsky[1]

Master-Exam-Huji.

Faculty of Computer Science
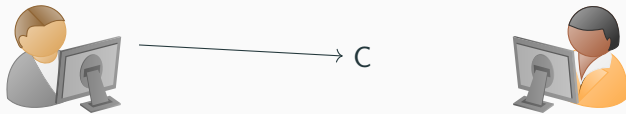Hebrew University of Jerusalem

- Brif Review of Coding.

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- Quantum Error Correction Codes.

Today.

- Brif Review of Coding.

- Quantum Error Correction Codes.

- Good Classical Locally Testabile Codes and Good Qauntum LDPC.

C

Coding.

Can we come up with a code that tolerate $*$ bits flip?

Coding.

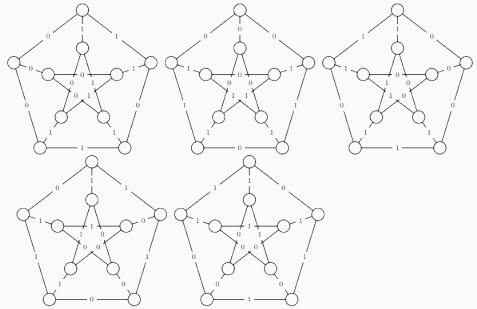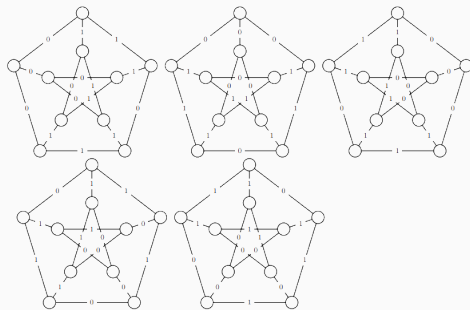# Quantum Error Correction Codes.

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- Buses connect IO devices such as keyboards, monitors, and printers to the computer's central processing unit (CPU).
- Buses provide a standardized way for different components to exchange data with each other, simplifying device connection and ensuring compatibility.