# Building A Computer Without A Computer.

(Introduction To Error Crorrection And Fault Tolarnce Computation.)

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Qubit meeting 2022-23, Israel Quntum Tech Community.

#### The Goal Of The Talk

#### Blocktitle

 Motivation. Answer on what we are fighting for. Give a non-cryptogriphc advantage of quantum computing.

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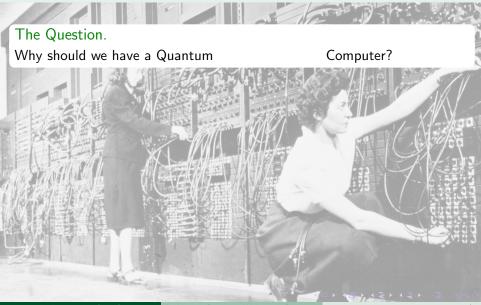
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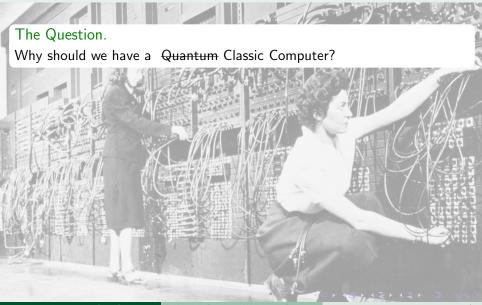
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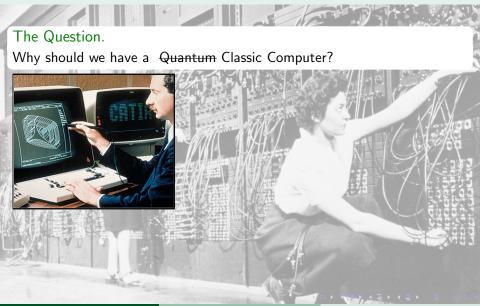
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- Engaging. Build a common language, explain all the frighting terms (Noise, Tresholds, NISQ, Advantage). Talking Buisness.



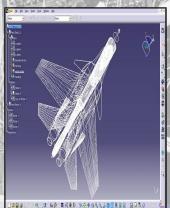




The Question.

Why should we have a **Quantum** Classic Computer?





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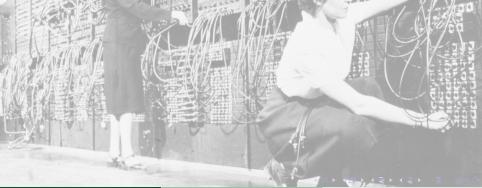




# Electronic Structure in a Fixed Basis is QMA-complete

Bryan O'Gorman\* Sandy Irani<sup>†</sup> James Whitfield\*\* Bill Fefferman<sup>‡</sup>

March 16, 2021



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Asymptotically Good Quantum and Locally Testable Classical LDPC Codes

> Pavel Panteleev and Gleb Kalachev\* January 24, 2022

#### About this Presention.

Contents of first column split into two lines

# Sounds Grate, Whats is the catch?

here you can put any text/equation etc.  $a^2 + b^2 = c^2$ .



#### Wait a minute.

here you can put any text/equation etc.  $a^2 + b^2 = c^2$ .



#### This is the second slide

A bit more information about this

Some random text.

