

HOME

THALES QUANTUM COMPUTER

PEOPLE

ABOUT US

EVENTS

# Quantum Secured Communication



Name :

Password:

Start

[HOME](#)[THALES QUANTUM COMPUTER](#)[PEOPLE](#)[ABOUT US](#)[EVENTS](#)

Generate Pure Random Number

Start

Send Quantum Secured Messages

Start

Check if Eva - The Hacker is Lurking!!

Start

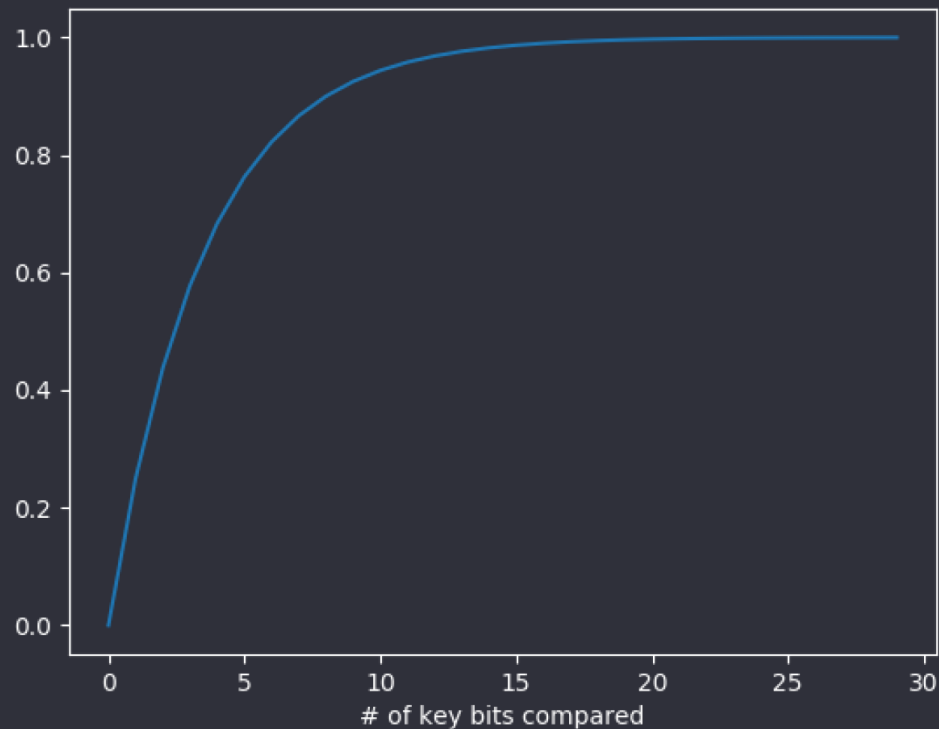
Integer Factorization with Shor Algo

Start

Quantum Machine Learning

Start

Probability of you detecting Eve - The Hacker



[History of Quantum Cryptography](#)

[Contact Us](#)

[HOME](#)[THALES QUANTUM COMPUTER](#)[PEOPLE](#)[ABOUT US](#)[EVENTS](#)

## SEND MESSAGE TO BOB VIA QUANTUM NETWORK

Message 1 : Hi

[Attach files](#)[Send](#)

Message 2 : Hello Bob!! This is Alice. Meeting is on code 11ABC.:

[Attach files](#)[Send](#)[History of Quantum Cryptography](#)[Contact Us](#)

[HOME](#)[THALES QUANTUM COMPUTER](#)[PEOPLE](#)[ABOUT US](#)[EVENTS](#)

### Message 1

encoded message: ÊÇ

subset of your key: 10

subset of Bob's key: 11

**NO HACKER DETECTED!!**

Note: Your Keys and messages are too short.

### Message 2

encoded message: ÊÇÏÏ ÙÑÔÏÄ

subset of your key: 11010111100010101101

subset of Bob's key: 11011000101101

**EVE DETECTED!!**

Throw away the parts shared publicly and try again.

[Message Log files](#)[Statistics](#)[History of Quantum Cryptography](#)[Contact Us](#)