

Factorizing 15 Using Shor's Algorithm

Hao-Chien Wang

Department of Physics, National Taiwan University

May 17, 2020

Outline

1 Review

2 Method

- Easy case
- Difficult case

3 Results

4 Discussion

Method

Easy case

Easy case: Circuit

Difficult case

Difficult case: Circuit

Result: Easy case

Result: Difficult case

Discussion