

**Implementation of Shor’s algorithm**

Stratakis Andreas

GitHub repository:

<https://github.com/astratakis/shors-algorithm>

TECHNICAL UNIVERSITY OF CRETE

ELECTRICAL AND COMPUTER ENGINEERING

JULY 2022

**CHAPTER I – PROBLEM STATEMENT**

**CHAPTER I – CLASSICAL APPROACH**

**CHAPTER II – QUANTUM FOURIER TRANSFORM (QFT)**

**CHAPTER III – QUANTUM FOURIER TRANSFORM (QFT)**