THE UNIVERSITY OF EDINBURGH SCHOOL OF PHYSICS AND ASTRONOMY

$\begin{array}{c} \textbf{Quantum Computing Project:} \\ \textbf{Report} \end{array}$

by Gennaro, Michael, Hunter, Christoph Contents Page 1 of 2

Contents

1	Introduction	2
2	Theory 2.1 Quantum Computer	2 2 2
3	Methods	2
4	Results 4.1 Grover's Algorithm	2 2
5	Discussion	2
6	Conclusion	2
7	Appendix	2

7 Appendix Page 2 of 2

- 1 Introduction
- 2 Theory
- 2.1 Quantum Computer
- 2.2 Grover's Algorithm
- 3 Methods
- 4 Results
- 4.1 Grover's Algorithm
- 5 Discussion
- 6 Conclusion
- 7 Appendix