Quantum Algorithms

Solving a Non-Linear Partial Differential Equation

Patrick Farmer 20331828

16-11-2024



Trinity College Dublin Coláiste na Tríonóide, Baile Átha Cliath The University of Dublin

Introduction

Testing the formatting of a paragraph

Problem Definition

Objectives

Conclusion

Bibliography

- 1. Nadiga, B., & Karra, S. (2024). Towards Solving the Navier-Stokes Equation on Quantum Computers. eScholarship, University of California. Available at: https://arxiv.org/abs/1904.09033
- 2. IEEE. (2024). A Quantum Annealing Approach to Fluid Dynamics Problems Solving Navier-Stokes Equations. IEEE Xplore. Available at: https://ieeexplore.ieee.org/document/10612316
- 3. ArXiv. (2024). Quantum Computing of Fluid Dynamics Using the Hydrodynamic Schrödinger Equation. Available at: https://journals.aps.org/prresearch/abstract/10.1103/PhysRevResearch.5.033182