

# Project Proposal on Quantum Monte Carlo

Hannah Baek, Tobias Tian  
University of British Columbia  
December 8th, 2025

## Abstract

This is a short description of the paper.

## 1 Introduction

(to be updated) example citation: [Sho97]

## 2 ...

(to be updated)

## Acknowledgments

If you have discussions with your classmates about your chosen topic, you can thank them here.

## References

[Sho97] Peter W. Shor. Polynomial-time algorithms for prime factorization and discrete logarithms on a quantum computer. *SIAM Journal on Computing*, 26(5):1484–1509, 1997. doi: [10.1137/S0097539795293172](https://doi.org/10.1137/S0097539795293172). [p. 1]