

Example-Guided Synthesis of Quantum Programs

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Abstract

We present a technique for synthesizing quantum programs from examples. Quantum computers are becoming reality but writing correct quantum programs is notoriously difficult. In this paper, we aim to address this issue by automatically synthesizing quantum programs from specifications given as input-output examples. ...

- 1 Introduction (서론)
- 2 Overview (개요)
- 3 Problem (문제 정의)
- 4 Approach (아이디어)
- 5 Evaluation (실험 결과)
- 6 Related Work (관련 연구)
- 7 Conclusion (결론)