

# Continuous Measurements and Feedback Control of a Quantum Harmonic Oscillator

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# 1 Introduction

## 1.1 Open Quantum Systems

### 1.1.1 Lindblad Master Equation

## 1.2 Continuous Measurements

## 1.3 Feedback Control

## 1.4 Wigner Function

# 2 Method

# 3 Result

# 4 Discussion

## References