



Emre Köse

IFIC Newcomers Fest 2025



VNIVERSITAT
DE VALÈNCIA

IFIC
INSTITUT DE FÍSICA
CORPUSCULAR



CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

2013-2017 BSc

2017-2019 MSc

2020-2025 PhD

Ankara



Istanbul



Tübingen



Özgür E. M.



Iannis K. K.



Daniel B.



Gerardo A.

Quantum Metrology and Estimation Theory

Entanglement Theory

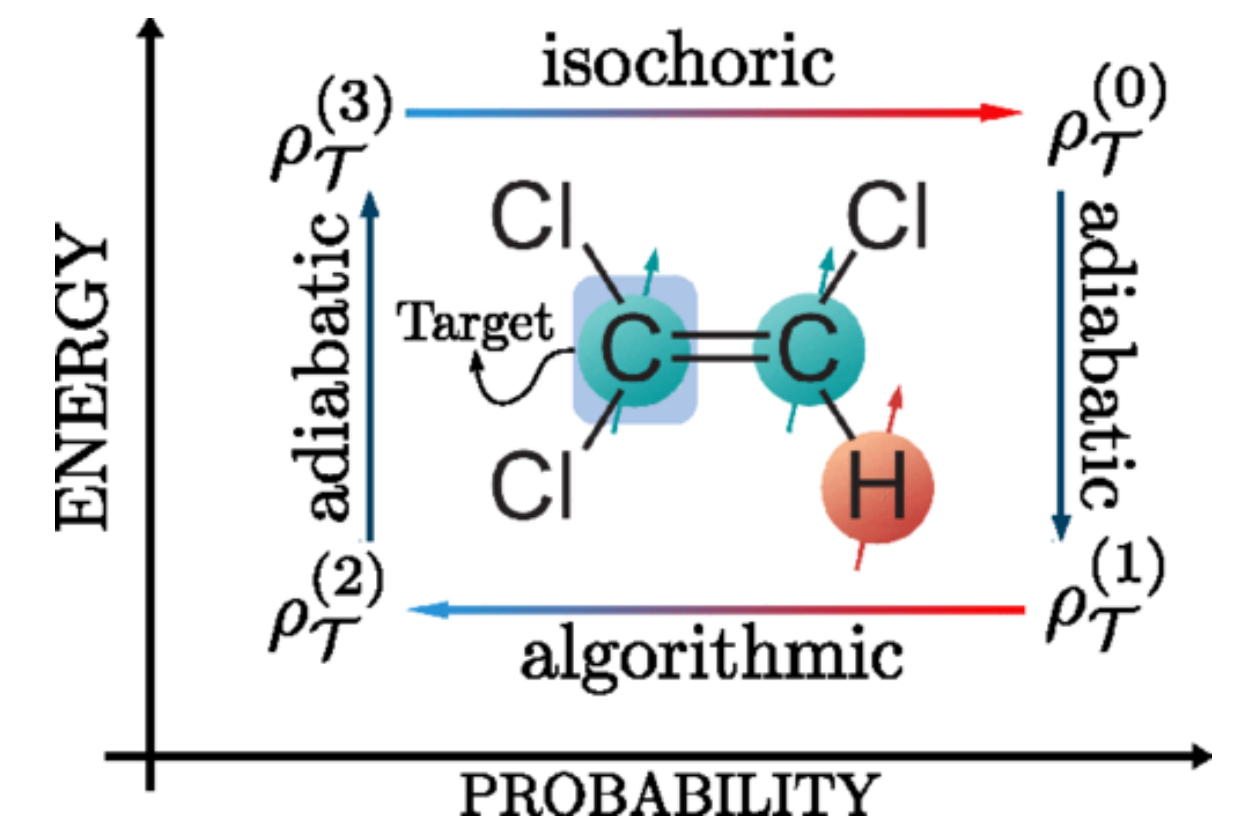
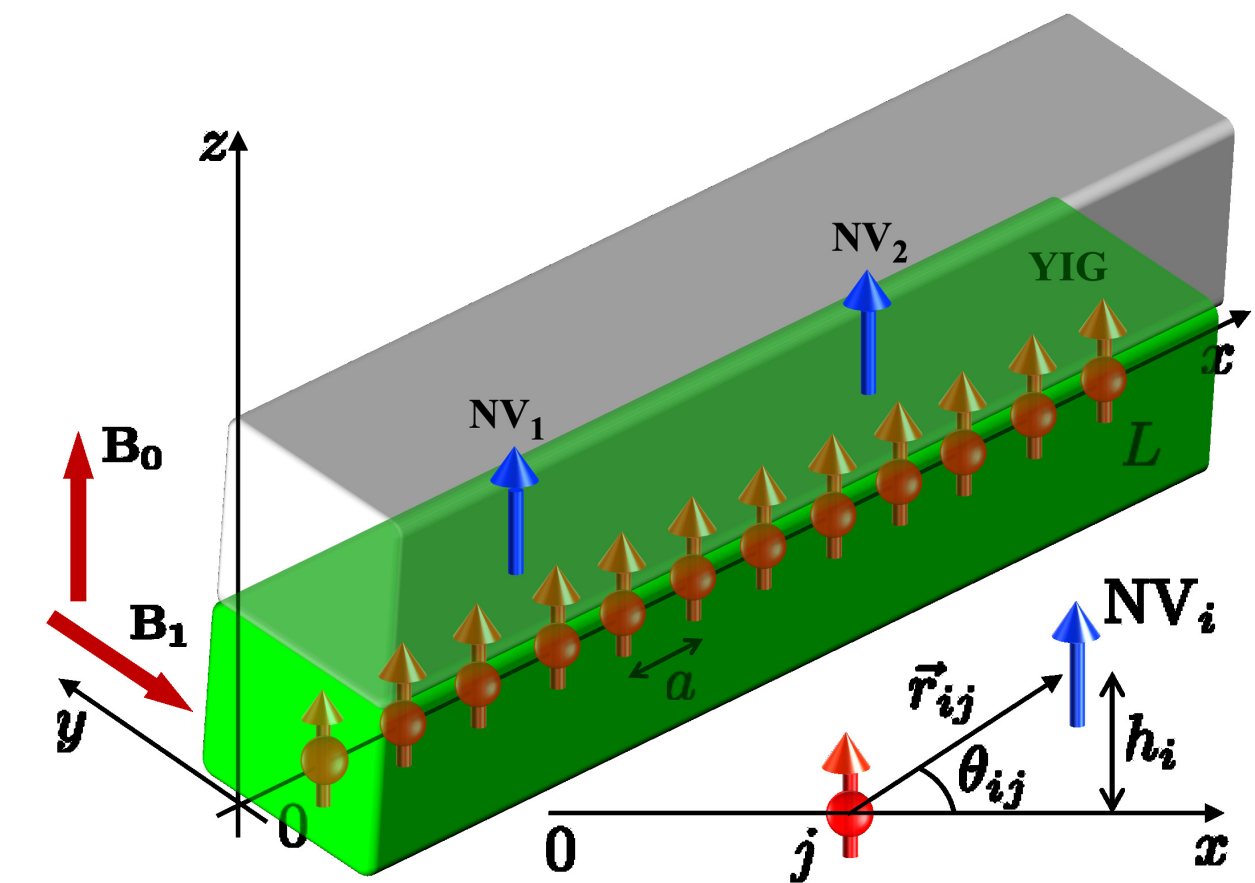
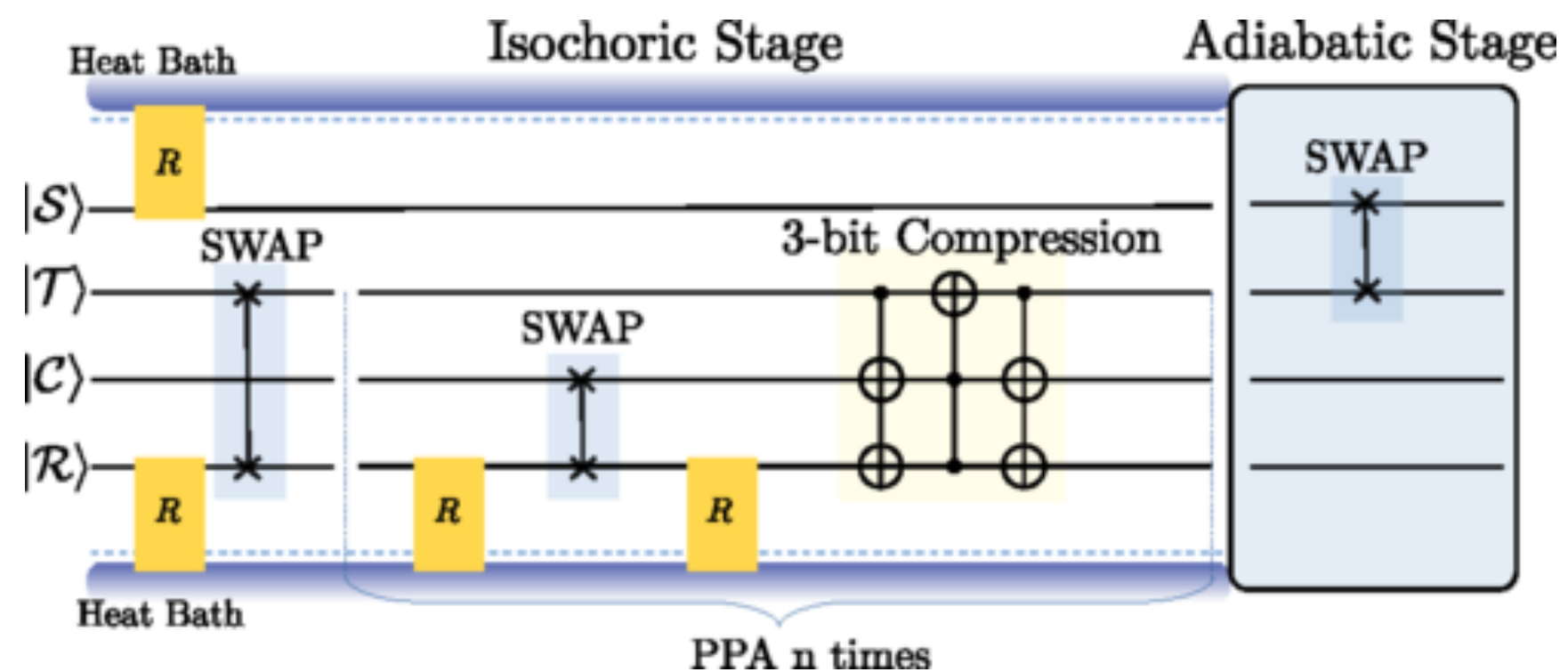
Quantum Information Theory

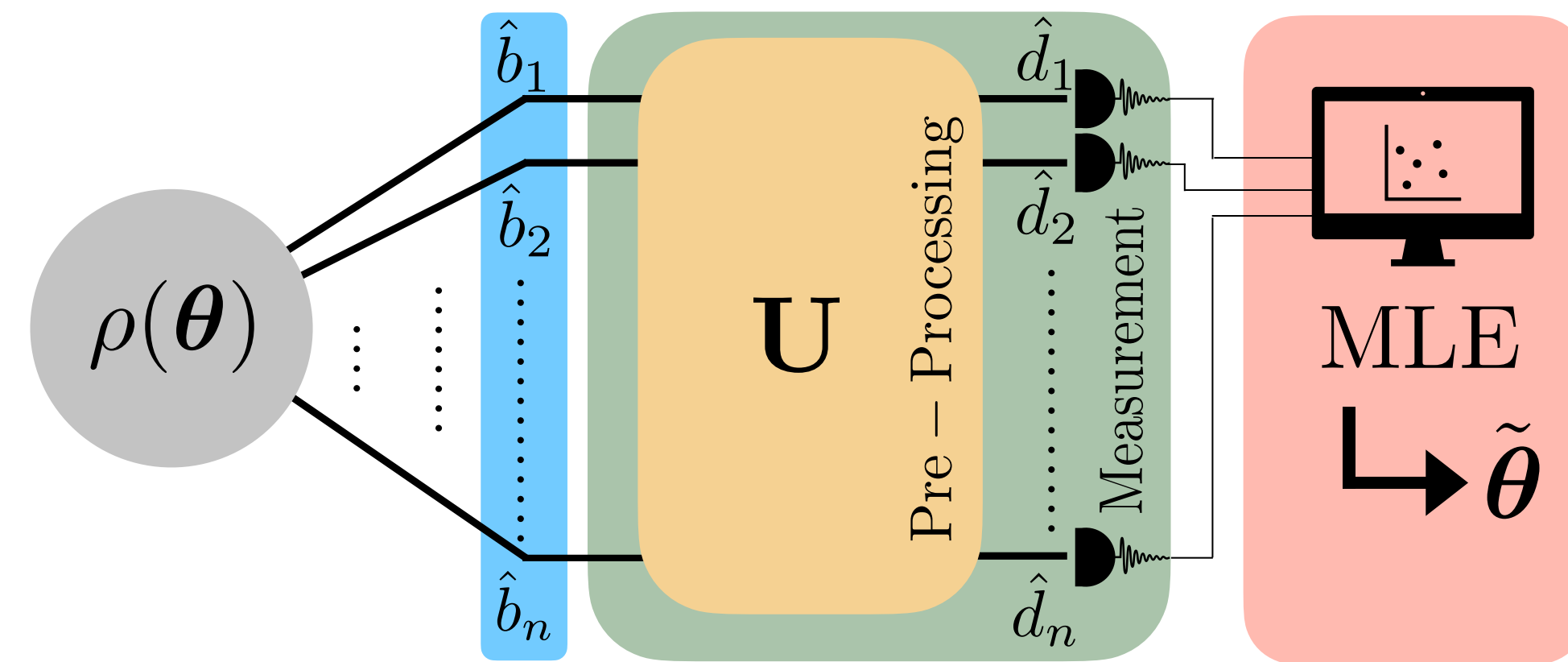
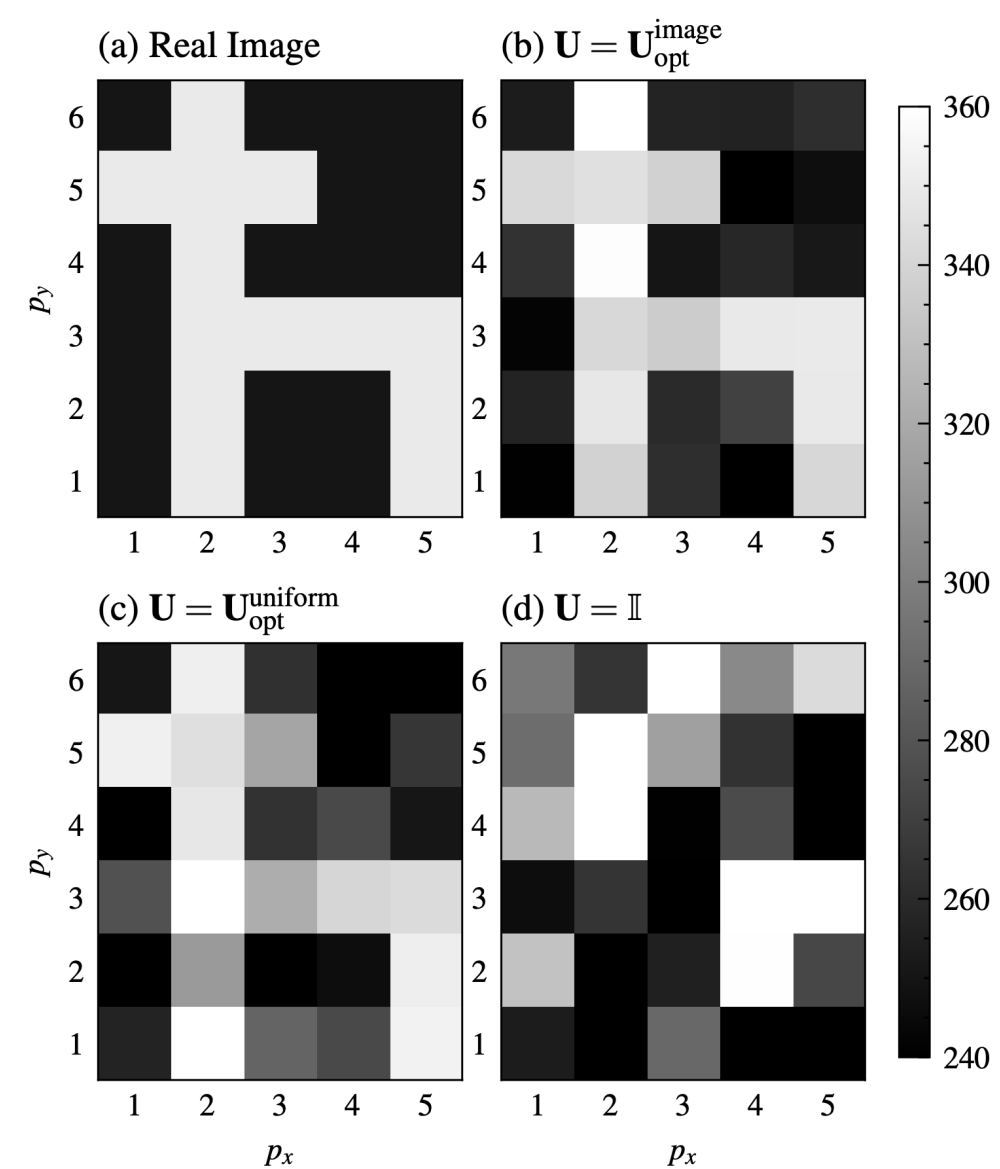
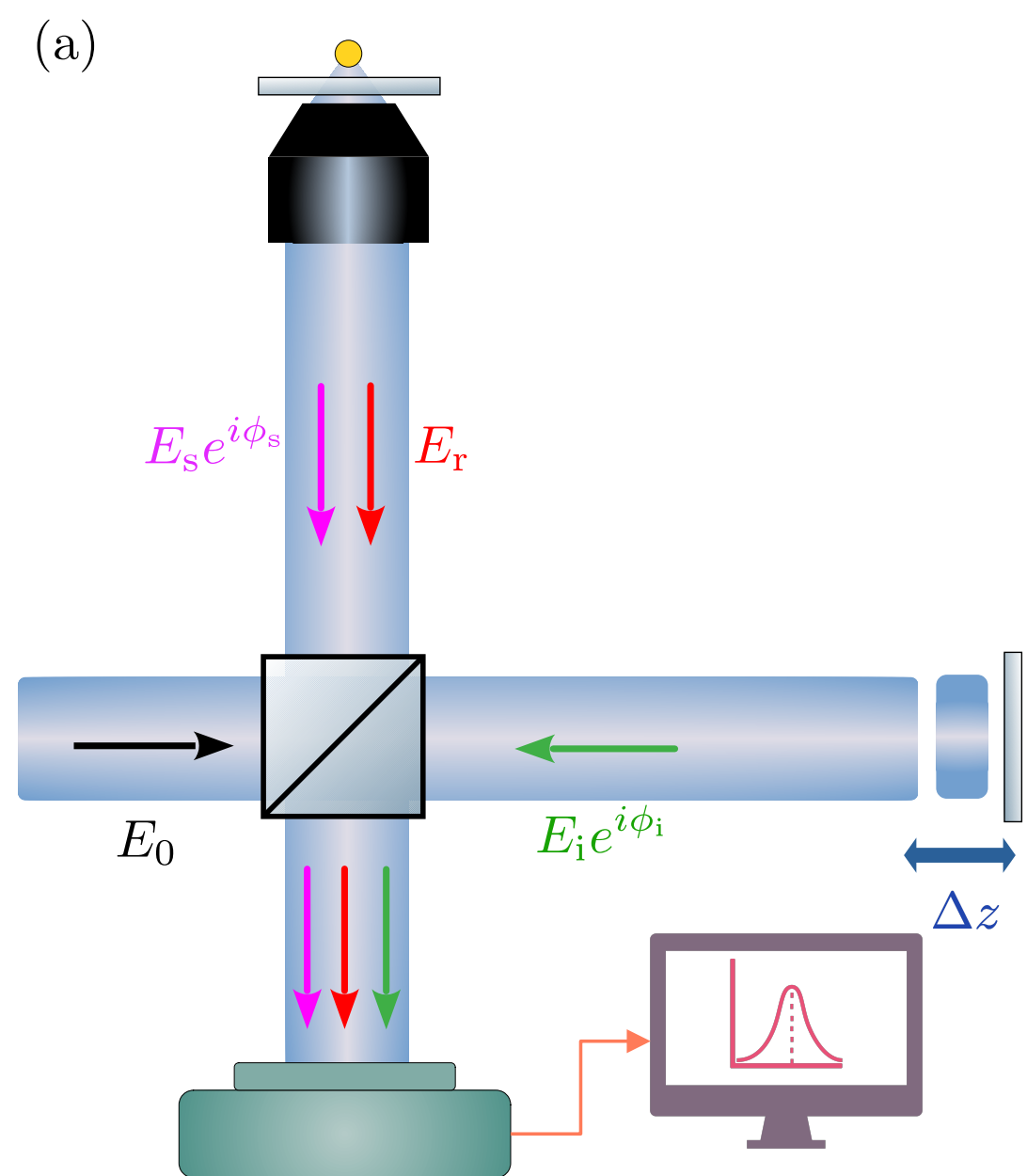
Quantum Computers

Quantum Heat Engines

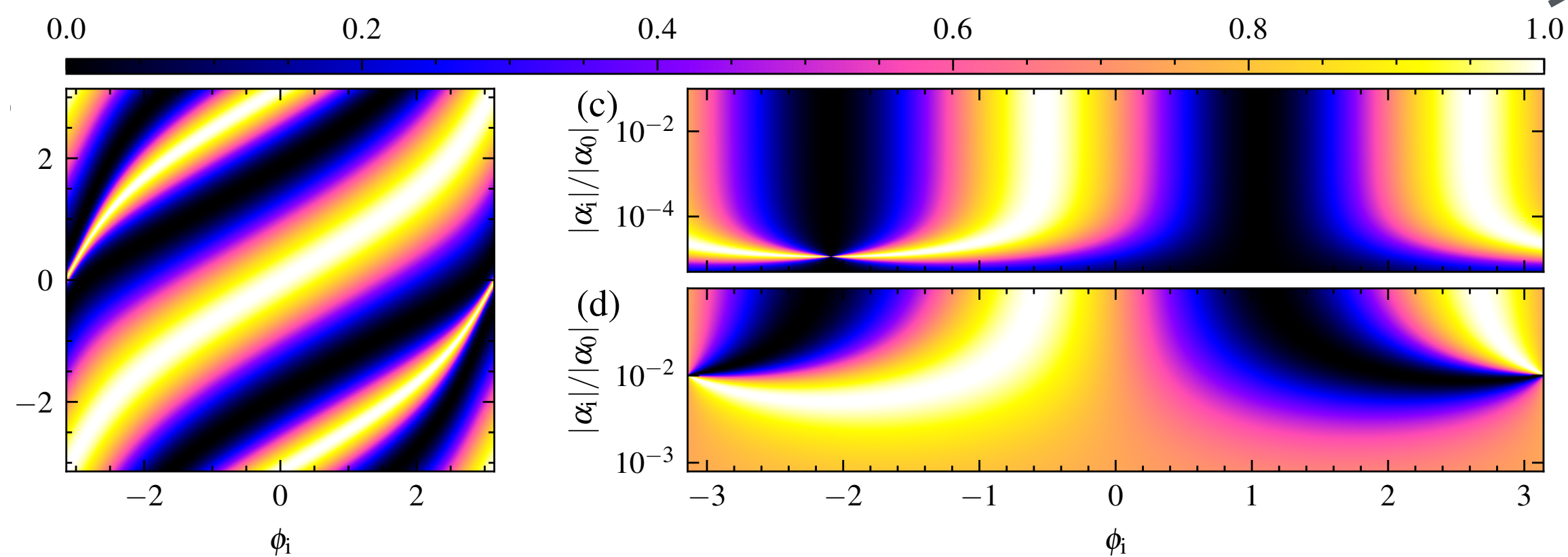
Open Quantum System

Quantum Resources





Quantum Metrology and Imaging



Current Research

What I am working on at the moment



Manuel Gessner

- ▶ Quantum Metrology for Mode Parameter Estimation
- ▶ Fundamental Bounds on Q-Estimation Theory
- ▶ Quantum Imaging in the Heisenberg Regime



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Activities



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