
Beam up my quantum state, Scotty!

FYST85

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1 Introduction

2 Experimental Evidence

Experimental evidence for quantum teleportation in quantum communications.

2.1 Satellite Based

1400km [1]

2.2 Fibre Network Based

100km [2]. Metropolitan [3]

3 Teleportation of Complex Quantum Systems

4 Quantum Repeaters and Quantum Memory

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