
Beam up my quantum state, Scotty!

FYST85

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December 10, 2024

Contents

1	Introduction	1
2	Experimental Evidence	1
2.1	Satellite Based	1
2.2	Fibre Network Based	1
3	Teleportation of Complex Quantum Systems	1
4	Quantum Repeaters and Quantum Memory	1
	References	2

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

Quantum internet [4]

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