

Quantum Channels: Transition from Classical to Quantum Channels

Himanshu Singh Raagav Ramakrishnan Shreyas Sinha Yash Seri

October 30, 2024

Accessible Information

Holevo Bound

Schumacher's Quantum Noiseless Channel Coding Theorem

Classical Capacity of Quantum Channels

Private Capacity of Quantum Channels

Quantum Capacity of Quantum Channels

Super Additivity of Quantum Channels

Examples of Quantum Channels

Sample Frame

Sample Frame

Sample Frame

Sample Frame

Sample Frame

Sample Frame

Sample Frame

Sample Frame

References I