From Classical to Quantum Information Theory

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Abstract

abstract

1 Introduction

Introduction

2 Background Knowledge

Background Knowledge

3 Quantum Information and Entropy

3.1 Entropy of Quantum States

TODO

3.2 Holevo Bound

TODO

4 Major Proofs

4.1 Proof

TODO

4.2 Proof of Holevo Bound

TODO

5 Conclusions

Conclusion

A Proof of some Lemma

Appendix one text goes here.

B Proof of some other Lemma