Chapter 1 Introduction

1. Prof. Selector

1. Finite joint distribution
2. Information on finite distributions
3. Correlation for finite distributions
4. Generalization: Further properties of Correlation
5. Information for general distributions
6. Examples: Information decay in stochastic processes
7. Examples: Concerns of information in classical mechanics

Chapter 2 Quantum mechanics of Composite Systems

1. Information in Quantum mechanics
2. Composite systems - Relative states
3. Canonical Correlation
4. Commutator (commutation & correlation) - Find final diagonal matrix
Abstract treatment of observation

1. Formulation of the problem
   a. Notions
   b. Conclusions
   c. Statistical deductions
2. Remarks on choice of group means
3. Several after-words

Supplementary Considerations

4. Example - Contraindication
5. Implication of atomic cost of matter
6. Remarks on actual mean problem
7. (Volume Example)

Discussion

8. Alternative View

9. Conclusion

Appendix