

1. Theorem 2.1 [Sum of Probabilities]

(a) Show proof:

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2. Theorem 2.2 [Fraction of Outcomes]

(a) Show proof:

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3. Theorem 2.3 [Complement of a set]

(a) Show proof:

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4. Theorem 2.4 [Empty set]

(a) Show proof:

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5. Theorem 2.5 [My Space is Bigger]

(a) Show proof:

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6. Theorem 2.6 [Probability Sandwich]

(a) Show proof:

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7. Theorem 2.7 [Discount Double Check]

(a) Show proof:

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8. Theorem 2.8 [Discount Triple Check]

(a) Show proof:

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9. Theorem 2.10 [Intersecting 3]

(a) Show proof:

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10. Theorem 2.11 [Independent Complement]

(a) Show proof:

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11. Theorem 2.13 [Bayes Theorem]

(a) Show proof:

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12. Theorem 2.14 [Reliability of a Series System]

(a) Show proof:

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13. Theorem 2.15 [Reliability of a Parallel System]

(a) Show proof:

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