

Outline

1. The probability of a union of events
 - (a) disjoint events (easily calculable)
 - (b) general (not necessarily disjoint) events. Theorem 1.10.2.
 - (c) The Matching Problem
2. Conditional Probability: Definition, interpretation, theorems and new way of seeing
3. Independence: Definition, interpretation, theorems and great simplification

Homework (due 021025)

1. §1.10. 1, 5, 6, 12 §1.12. 1, 6, 12. §2.1. 5, 9, 11. §2.2. BA.

Announcement

Prepare for Quiz 1 .

