chapter 01

1.2 Sample Space and Events

Sample space

Event

Union and Intersection of Events

Union of Events

Intersection of Events

The Null Event and The Complement of an Event

The Null Event

The Complement of an Event

1.3 Probabilities Defined on Events

Definition of Probability

Calculation of P(E ∪ F)

1.4 Conditional Probabilities

1.5 Independent Events

Independence of More Than Two Events

Independence of Two Events

1.6 Bayes’ Formula

Calculate Probability by Conditioning

The Law of Total Probability

Bayes’ Formula