

试验.

Events and Probability

Sample Space

Ω, ϕ, A

die
dice

骰子
tóu

Events

$$0 \leq P(A) \leq 1$$

Probability

Classical

Fair or not?

Birthday problem

Impossible principle

Dating problem

Geometric

Buffon's needle problem

Bertrand paradox

Frequency

Calculation of π

Axiomatic

σ -algebra

Probability Space

Properties

Matching problem

Conditional Probability

Definition

Multiplication Rule

Total Probability Formula

Bayes' Theorem

The Monty Hall Problem

Independence of Events

Two Events

Several Events

Bernoulli Trails

Reliability analysis