

# *Introduction to Probability*



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## *Preface*

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Introduction to Probability is a freely available textbook designed for MATH350 students.

- This edition includes a variety of examples to help you learn probability concepts at your own pace.
- The book is available for download as a PDF.



# 1

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## *Fundamentals of Probability and its Axioms*

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Placeholder

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### 1.1 Combinations and Permutations

#### 1.1.1 Permutations

#### 1.1.2 Combinations

#### 1.1.3 Worked Examples

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### 1.2 Review of Set Theory

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### 1.3 Axioms of Probability

#### 1.3.1 Sample spaces with equally likely outcomes

#### 1.3.2 Worked Examples





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## *Basic Probability*

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### **Book Description**

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