

Guide line of syllabus for Mid-Term 2

Chapter 3:

3.1: Concept of a Random Variable

Definition 3.1, Example 3.1, Example 3.2

3.2: Discrete Probability Distributions

Definition 3.4, Example 3.8, Example 3.9, Definition 3.5, Example 3.10

3.3: Continuous Probability Distributions

Definition 3.6, Example 3.11, Definition 3.7, Example 3.12

3.4: Joint Probability Distributions

Definition 3.8, Definition 3.9, Example 3.15, Definition 3.10, Example 3.17, Example 3.14, Example 3.16, Example 3.18, Example 3.19, Definition 3.12, Example 3.21

Exercise Questions

3.5 - 3.7, 3.9, 3.12, 3.13, 3.18, 3.21, 3.26, 3.27, 3.28, 3.37, 3.38, 3.40 - 3.44, 3.47, 3.49, 3.50, 3.54, 3.55

Review Exercise

All questions related to the topics mentioned above