Chapter 1

1.2 Random Number Generators

1.3 Properties of Probability

1.4 Permutations, Combinations, Sampling With and Without Replacement

1.5 Hypergeometric Distributions, Sampling With and Without Replacement

1.6 Conditional Probability

1.7 Bayes' Formula

1.8 Independent Events

Chapter 2

2.1 Distributions of the Discrete Type

2.2 Probability Density Functions and Distribution Functions

2.3 Mathematical Expectation

2.4 The Mean, Variance and Skewness

2.5 Moment-Generating Function

2.6 Normal Random Variables and the Normal Distribution

2.7 Geometric and Binomial Distributions

Published by: CONDUIT
P.O. Box 388
Iowa City, Iowa 52240

To accompany: Probability and Statistical Inference
by Robert V. Hogg and Elliot A. Tanis
© 1978 by Elliot A. Tanis


Prepared for publication by CONDUIT, University of Iowa, Iowa City, Iowa.

All rights reserved. No part of the contents of this book may be reproduced without the written permission of the author or the publisher.