

TABLE OF CONTENTS

chapter	Pages
I. THE GENERAL NATURE OF THE PROBLEM AND OF	
THE REQUIRED SOLUTION-----	1-31
Introduction-----	1
Probability and Induction-----	9
The Frequency Interpretation of Probability---	11
The Rule of Induction-----	20
The Justification of Induction-----	27
The Problem of the Finite Case-----	29
II. THE CALCULUS OF PROBABILITY AND ITS	
INTERPRETATION-----	32-82
Introduction-----	32
The Probability Calculus-----	34
The Formalization of the calculus of Probability:	
The Definition of Formula-----	37
The Formalization of the calculus of Probability:	
Axioms-----	46
The Formalization of the calculus of Probability:	
The Rule of Existence-----	48
The Relative Frequency Interpretation-----	54
The Theory of Order-----	59
The Formalization of the calculus of Probability:	
The Theory of Order-----	67
Types of Order-----	74
The Uniqueness of the Interpretation-----	79

Chapter	Pages
III. INDUCTION-----	83-100
Introduction-----	83
The Bernoulli Theorem-----	86
The Inductive Inference-----	93
The Method of Correction-----	98
IV. THE JUSTIFICATION OF INDUCTION-----	101-116
Notes and References-----	117-125
Bibliography-----	126-128