## TABLE OF CONTENTS.

PART I.	
A PHILOSOPHICAL ESSAY ON PROBABILITIE	ES.
CHAPTER I.	
Introduction	PAGE I
CHAPTER II.	
Concerning Probability	. 3
CHAPTER III.	
General Principles of the Calculus of Probabilities	ĮI
CHAPTER IV.	
Concerning Hope	20
CHAPTER V.	
Analytical Methods of the Calculus of Probabilities	26
PART II.	
APPLICATION OF THE CALCULUS OF PROBABILITIES.	
CHAPTER VI.	
Games of Chance	53

CHAPTER VII.	PAGE
Concerning the Unknown Inequalities which may Exist among	
Chances Supposed to be Equal	56
CHAPTER VIII.	
Concerning the Laws of Probability which result from the Indefinite Multiplication of Events.	60
CHAPTER IX.  Application of the Calculus of Probabilities to Natural Philosophy.	73
CHAPTER X.  Application of the Calculus of Probabilities to the Moral Sciences	107
CHAPTER XI.  Concerning the Probability of Testimonies	109
CHAPTER XII.  Concerning the Selections and Decisions of Assemblies	126
CHAPTER XIII.  Concerning the Probability of the Judgments of Tribunals	132
CHAPTER XIV.  Concerning Tables of Mortality, and the Mean Durations of Life,  Marriage, and Some Associations	140
CHAPTER XV.  Concerning the Benefits of Institutions which Depend upon the Probability of Events	149
CHAPTER XVI.  Concerning Illusions in the Estimation of Probabilities	160
CHAPTER XVII.  Concerning the Various Means of Approaching Certainty	176
CHAPTER XVIII.  Historical Notice of the Calculus of Probabilities to 1816	185