

TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENTS	ii
SYNOPSIS	iii
 Chapter	
I. INTRODUCTORY REMARKS	1
Nature and Scope of this Paper	1
A Biographical Sketch	3
 II. THE HYPOTHETICO-DEDUCTIVE METHOD	 7
Jevonsian System of Logic	7
Error of Baconian Method	8
Error of Mill's Method	9
Jevons' Method of Inductive Procedure	10
Experimentum Crucis	12
Comparison with Popper's "Deductivism"	13
Newtonian Method Adopted	15
 III. THE LOGICAL METHOD OF ECONOMIC SCIENCE..	 16
Two Conceptions of Economic Method ..	16
The Historical Method	18
Mill's System of Logic	21
Problems of Inductive Process	22
 IV. ECONOMICS AS A MATHEMATICAL SCIENCE	 25
Mathematical Character of the Science	25
Mathematical Logic and Economics	28
Mathematical Science and Exact Science	29

V.	APPLICATION OF MATHEMATICAL CONCEPTS TO ECONOMICS	31
	Mathematical Method	31
	Application of the Substitution of Similars	32
	Application of the Theory of Probability	34
	Opposition to Jevons' Mathematical Treatment in Economics	36
VI.	GENERAL CHARACTERISTICS OF JEVONS' TYPE OF THEORY	41
	Treatment of Value	41
	Scheme of Work	43
	Static Problems	45
	Analysis	46
VII.	APPRAISAL OF JEVONS APPLIED ECONOMICS..	56
	Contribution	56
	Investigation of Trend of Prices ...	57
	The Coal Question	58
	Investigation of the Trade Cycle ...	59
	Method of Inquiry	60
VIII.	CONCLUSION	62
Appendix		
I.	LIST OF WORKS AND PAPERS UPON ECONOMICAL SUBJECTS BY JEVONS	72
II.	BIBLIOGRAPHY	76