

# CONTENTS

Abbreviations	page vii
Chapter One	
1. <i>Introduction</i>	1
2. <i>Direct and indirect evaluation</i>	2
3. <i>Quantifier-matrix form of singular statements</i>	4
4. <i>An alternative formulation</i>	8
5. <i>Universes of discourse</i>	9
6. <i>Quantifier-matrix form of general statements</i>	11
7. <i>Predicate and argument</i>	16
8. <i>Predicate abbreviation and substitution</i>	18
9. <i>Quantificational form</i>	21
10. <i>The question of existential import</i>	27
11. <i>Definitions</i>	31
Chapter Two	
1. <i>Quantificational validity</i>	35
2. <i>Deduction</i>	37
3. <i>The rule EI* ; dummy names</i>	38
4. <i>The rules EG* , UI* and UG*</i>	40
5. <i>The rules SD* and SQ* ; the restriction in SQ*</i>	41
6. <i>Examples</i>	44
7. <i>Explanatory remarks about UG*</i>	45
8. <i>Replacement of starred rules by unstarred rules: EI, EG, UI, UG</i>	50
Chapter Three	
1. <i>List of rules</i>	56
2. <i>Interpretation of the rules</i>	59
3. <i>Principles of single quantification ; deductions</i>	61

## Contents

4. <i>Multiple quantification; introduction</i>	page 82
5. <i>Expressing multiply general statements in quantificational form</i>	87
6. <i>Principles of multiple quantification; deductions</i>	96
7. <i>Identity</i>	104
8. <i>Definite descriptions; the iota operator</i>	107
Chapter Four	
1. <i>Reformulated definitions of validity; proof of invalidity</i>	113
2. <i>Quantifier-free equivalents</i>	115
3. <i>Testing QFE's for falsifiability</i>	124
4. <i>Predicate and subject</i>	127
5. <i>Special considerations relating to identity</i>	132
6. <i>Examples of invalidity proofs</i>	134
7. <i>Decision problems</i>	141
Index of Definitions	145