

# Contents

## INTRODUCTION

1	The call for a theory	1
2	Two traditional conceptions of properties, relations, and propositions	2
3	Preview of the theory of qualities and concepts	5
4	Critical survey of alternate approaches	13
5	Epistemological note	19

## PART I A COMPLETE FOUNDATION

### 1 INTENSIONALITY

6	Intensional abstraction	23
7	Quantifying-in	25
8	Informal interpretation	26
9	The origin of intensionality in language	30
10	First-order language	31
11	Quine and Church on quantifying-in	34

### 2 INTENSIONAL LOGIC

12	A formal intensional language	43
13	A new semantic method	45
14	The formal semantics	49
15	A complete logic for the first conception	58
16	A complete logic for the second conception	64
17	A complete logic for modal and intentional matters	67

## CONTENTS

### 3 THE PARADOX OF ANALYSIS

18	The paradox	69
19	Difficulties in Church's resolution	70
20	A new resolution	74

## PART II EXTENSION

### 4 PREDICATION

21	The first-order/higher-order controversy	81
22	Expressive power	82
23	The subject/predicate distinction	85
24	The property/function distinction	89
25	The origin of incompleteness in logic	92
26	The logical, semantical, and intentional paradoxes	94

### 5 CLASS

27	The unnaturalness of sets	102
28	No basis in logic	106
29	The dispensability of sets	111
30	Pure set theory without sets	116
31	Applied set theory without sets	118

### 6 NUMBER

32	A neo-Fregean analysis	120
33	Reply to criticisms	122
34	The derivation of mathematics from logic	126
35	Reply to criticisms	128
36	Epistemological issues	135

## PART III UNIFICATION

### 7 EXTENSIONALITY AND MEANING

37	The thesis of extensionality	148
38	Semantics	157
39	Pragmatics	166

## CONTENTS

8	QUALITIES AND CONCEPTS	
40	Qualities, connections, and conditions	177
41	Thoughts and concepts	183
42	Realism and representationalism	187
43	The logic for qualities and concepts	190
44	Correspondence	195
9	LOGIC	
45	Truth	199
46	Necessity	204
47	Analyticity	210
10	MIND	
48	Intentionality	222
49	Experience and the mental	235
50	Consciousness	245
	NOTES	251
	REFERENCES	285
	SYMBOLS	293
	INDEX	295