

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	vii
INTRODUCTION	1
CHAPTER I. INTRODUCING SUBJECT-PREDICATE FORMAL LANGUAGE: CAN NAMES AND QUANTIFIERS SHARE THE SAME CATEGORY?	7
1.1 Why logic differentiates between quantifiers and names?	8
1.2 The language with derivative predicates	10
1.3 The language with entangled predicates	12
1.4 Variables in Classical Logic. A reinterpretation of grammar for quantifiers	15
1.5 Deductive properties of individual constants	18
1.6 The uniform semantic interpretation of names and quantifiers	20
1.7 The generalised quantifier perspective	25
1.8 Subject-predicate formulas and subject-predicate languages	27
CHAPTER II. <i>M</i> -LOGIC	30
2.1 Syntax of <i>M</i> -logic	31
2.1.1 <i>M</i> -language	31
2.1.2 <i>M</i> -system	32
2.1.3 <i>Selected Theses and Syntactic Properties of M-system</i>	33
2.2 Semantics of <i>M</i> -logic	45
2.2.1 <i>Models and Satisfaction. Soundness Theorem</i>	45
2.2.2 <i>M-logic and Classical logic. Completeness Theorem</i>	47
2.3 <i>M</i> -logic with definition schemata for new terms	52
CHAPTER III. ONTOLOGICAL INTERPRETATION OF <i>M</i> -LOGIC	58
3.1 Meinongian ontology	59

3.2	<i>M</i> -ontology as a Meinongian ontology	63
3.3	Existence and identity in <i>M</i> -ontology	66
3.4	Properties in <i>M</i> -ontology	70
3.5	Reduction of <i>M</i> -properties to <i>M</i> -objects	73
3.6	Ontological commitment of <i>M</i> -logic	77
CHAPTER IV. EXTENDING <i>M</i> -LOGIC		82
4.1	Free <i>M</i> -logic	83
4.2	Modal <i>M</i> -logic	88
4.3	Non-standard possible worlds and the logic of generalised operators	97
CHAPTER V. REFERENCE AND INTENTIONALITY		106
5.1	Theory of reference in <i>M</i> -logic	106
5.2	Classical theories of intentionality and <i>M</i> -logic	112
5.3	The dual ontological structure of intentional objects	120
5.4	Paradoxes in formal theories of objects of thought	125
5.5	Intentional objects vs. intentional states of affairs. Aspectual and horizontal objects	128
CHAPTER VI. TWO-SORTED AND INTENSIONAL <i>M</i> -LOGIC		139
6.1	Weak two-sorted <i>M</i> -logics	139
6.2	Higher-order two-sorted <i>M</i> -logic	144
6.3	Circular, self-referential, and many-level <i>M</i> -objects	151
6.4	Intensional <i>M</i> -logic	155
APPENDIX. <i>M</i> -LOGIC AS A LOGIC OF FICTIONAL ENTITIES		163
A.1	Fictional objects as <i>M</i> -objects	164
A.2	<i>M</i> -logic: fictional objects vs. fictional worlds	172
NOTES		179
REFERENCES		200
INDEX OF SYMBOLS		206
INDEX		207