

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	7
INTRODUCTION	9
1. HISTORY OF LOGIC IN GERMANY 1830-1920	15
1.1. German Academic Philosophy 1830-1920	15
1.2. The Development of Logic	20
1.2.1. 1830-1848: The Critique of Idealism	21
1.2.2. 1849-1872: The Decline of Logic	26
1.2.3. 1873-1899: The Rise of Psychologism	27
1.2.4. 1900-1920: The Critique of Psychologism	35
2. LOGIC AND PSYCHOLOGY	41
2.1. Psychology in the 19th century	41
2.2. Psychologistic vs. Formal Logic	45
2.3. Frege's Critique of Psychologism	50
2.4. Husserl's Critique of Psychologism	54
3. LOGIC AND LINGUISTICS	59
3.1. Linguistics in the 19th Century	59
3.2. <i>Völkerpsychologie</i> vs. Logical Grammar	61
4. LOGIC AND MATHEMATICS	71
4.1. Mathematics in the 19th Century	71
4.2. Traditional vs. Mathematical Logic	73
4.3. Schröder's and Frege's Arguments	80
5. THE RECEPTION OF MATHEMATICAL LOGIC IN GERMANY	91
5.1. 1855: Prologue	91

5.2.	1875-1880: The Arrival of Mathematical Logic in Germany	92
5.3.	1886-1892: Extensional vs. Intensional Logic	105
5.4.	1900-1920: The Threat of ' <i>Logistik</i> '	113
6.	MAUTHNER'S CRITIQUE	121
6.1.	Philosophical Views	122
6.2.	Logic	129
6.2.	Arguments against Mathematical Logic	132
7.	RICKERT'S CRITIQUE	139
7.1.	Rickert's System of Philosophy	139
7.2.	"Das Eine, die Einheit und die Eins"	141
7.3.	The Concept of Natural Number	144
7.3.1.	The Pure Logical Object	145
7.3.2.	The Critique of 'Rationalistic'	
	Theories of Natural Numbers	146
7.3.3.	Rickert's Theory of Natural Numbers	151
8.	ZIEHEN'S CRITIQUE	153
8.1.	Foundations of Logic	154
8.1.1.	Relation to Epistemology	155
8.1.2.	Relation to Psychology	157
8.2.	Logic	160
8.3.	Logic and Mathematics	161
	CONCLUSION	169
	BIBLIOGRAPHY	177