

## CONTENTS

PREFACE	XIII
OTTO NEURATH: PRINCIPAL DATES	XV
CHAPTER 1. MEMORIES OF OTTO NEURATH	1
1. Otto Neurath's Parents; the Father's autobiographical sketch	1
2. Otto Neurath's Childhood, from autobiographical notes	4
3. University Days, contributed by Marie Neurath	7
4. Military Life, contributed by G. Neumann	7
5. A Teacher of Political Economy, from N. Y. Ben-Gavriel	11
6. Excerpts from Ernst Lakenbacher	12
7. From Wolfgang Schumann	15
8. Autobiographical Excerpts from Otto Neurath	18
9. Munich 1919 and Later, from Ernst Niekisch	28
10. From Otto Neurath's Son, the Sociologist Paul Neurath	29
11. Heinz Umrath	41
12. From Rudolf Carnap's Intellectual Autobiography	43
13. Heinrich Neider	45
14. Viktor Kraft	49
15. Karl R. Popper	51
16. 26 September 1924 and After, from Marie Neurath	56
17. Charles Morris	64
18. Marie Neurath: 1940-1945	68
19. Bilston and A. V. Williams	75
20. Marie Neurath: Otto's Last Day, 22nd December 1945	79
References	80
CHAPTER 2. SIX LESSONS	84
1. The Little Discourse on the Sanctity of Vocation (by La-Se-Fe)	84

2. The Strange (by La-Se-Fe)	88
3. The Little Discourse on the Virtues (by La-Se-Fe)	91
4. <i>On Delay</i>	94
5. Measure and Number	97
6. Of Masters and Servants	98
References	100
CHAPTER 3. ON THE FOUNDATIONS OF THE HISTORY OF OPTICS	101
Reference	112
CHAPTER 4. THE PROBLEM OF THE PLEASURE MAXIMUM	113
References	122
CHAPTER 5. THROUGH WAR ECONOMY TO ECONOMY IN KIND	123
List of Contents	123
Preface (April 1919)	123
The Theory of War Economy as a Separate Discipline (1913)	125
The Converse Taylor System (1917)	130
Character and Course of Socialization (1919)	135
Utopia as a Social Engineer's Construction (1919)	150
Total Socialization	156
References	157
CHAPTER 6. ANTI-SPENGLER	158
1. Rejection of Spengler	158
2. Phases of Culture	163
2.1. Spengler's Doctrine	163
2.2. Culture	164
2.3. Phase Sequences	166
2.4. Morphology	172
3. The Character of Culture	175
3.1. Spengler's Doctrine	175
3.2. Arch-Symbol	177
3.3. Differences and Independences	185
3.4. Physiognomics	195

4. Spengler's Description of the World	197
References	213
<b>CHAPTER 7. FROM <i>Vienna Method</i> TO <i>Isotype</i></b>	214
1. The Social and Economic Museum in Vienna (1925)	214
2. Visual Education and the Social and Economic Museum in Vienna (1931)	215
3. Museums of the Future (1933)	218
4. A New Language (1937)	224
5. Visual Education: Humanisation versus Popularisation	227
Reference	248
<b>CHAPTER 8. PERSONAL LIFE AND CLASS STRUGGLE</b>	249
Introduction: New Principles for Living	249
1. The Coming Man in the Present	253
2. Community Life and Economic Plan	259
3. Eternal Peace	266
4. Youth Associations, School, Vocational Guidance	275
5. Marx and Epicurus	282
6. Turning Away from Metaphysics	290
References	297
<b>CHAPTER 9. WISSENSCHAFTLICHE WELTAUFFASSUNG: DER WIENER KREIS [The Scientific Conception of the World; The Vienna Circle]</b>	299
Preface	299
1. The Vienna Circle of the Scientific Conception of the World	301
1.1. Historical Background	301
1.2. The Circle Around Schlick	304
2. The Scientific World Conception	305
3. Fields of Problems	310
3.1. Foundations of Arithmetic	310
3.2. Foundations of Physics	311
3.3. Foundations of Geometry	313
3.4. Problems of the Foundations of Biology and Psychology	314

3.5. Foundations of the Social Sciences	315
4. Retrospect and Prospect	315
Appendix	318
References	318
CHAPTER 10. EMPIRICAL SOCIOLOGY. THE SCIENTIFIC	
CONTENT OF HISTORY AND POLITICAL ECONOMY	319
1. From Magic to Unified Science	319
2. History	330
3. Political Economy	338
4. Uniting History with Political Economy	345
5. Metaphysical Countercurrents	353
6. Sociology on a Materialist Foundation	358
7. Extrapolation	371
8. Coherence	380
9. Structure of Society	389
10. Sociological Prognosis	403
References	420
CHAPTER 11. INTERNATIONAL PLANNING FOR FREEDOM	422
1. Pursuit of Happiness	423
2. Production of Freedom	427
3. International Planning in the Making	431
References	440
CHAPTER 12. LIST OF WORKS BY OTTO NEURATH	441
NOTES: NAMES AND EXPLANATIONS	460
INDEX OF NAMES	470