## TABLE OF CONTENTS

Frontispiece ........................................ facing page iv
General Introduction to *The Library of Living Philosophers* ....... vii
Acknowledgements ........................................... x
Preface ........................................................................ xv

### I. CARNAP'S INTELLECTUAL AUTOBIOGRAPHY

Facsimile of Carnap's handwriting. ............... facing page 3

**RUDOLF CARNAP: “Intellectual Autobiography”** ................. 3

1. The Development of my Thinking

   1. My Student Years .................................................. 3
   2. The Beginning of My Work in Philosophy (1919-1926) .... 10
   3. The Vienna Circle (1926-1935) .......................... 20
   4. America (Since 1936) ........................................ 34
      A. My Life in the United States .............................. 34
      B. The Situation of Philosophy in the United States ... 39

### II. Philosophical Problems ........................................ 44

   5. Pseudo Problems in Philosophy ............................... 44
   6. The Foundations of Mathematics ............................ 46
   7. Physicalism and the Unity of Science .................... 50
   8. The Logical Syntax of Language ............................. 53
   9. Liberalization of Empiricism ............................... 56
  10. Semantics .......................................................... 60
  11. Language Planning ............................................. 67
  12. Probability and Inductive Logic ........................... 71
  13. The Theoretical Language ..................................... 77
  14. Values and Practical Decisions ............................. 81

xi
# TABLE OF CONTENTS

## II. DESCRIPTIVE AND CRITICAL ESSAYS ON THE PHILOSOPHY OF RUDOLF CARNAP

1. Charles Morris: "Pragmatism and Logical Empiricism" .......................... 87
2. Robert S. Cohen: "Dialectical Materialism and Carnap's Logical Empiricism" ... 99
3. Philipp Frank: "The Pragmatic Components in Carnap's 'Elimination of Metaphysics'" ... 159
4. Paul Henle: "Meaning and Verifiability" ................................. 165
5. Karl R. Popper: "The Demarcation Between Science and Metaphysics" ... 183
6. Herbert Feigl: "Physicalism, Unity of Science and the Foundations of Psychology" ... 227
8. Robert Feys: "Carnap on Modalities" .................................. 283
10. Donald Davidson: "The Method of Extension and Intension" ................... 311
11. R. M. Martin: "On Carnap's Conception of Semantics" ... 351
12. W. V. Quine: "Carnap and Logical Truth" ................................ 385
14. Wilfrid Sellars: "Empiricism and Abstract Entities" .......... 481
15. E. W. Beth: "Carnap's Views on the Advantages of Constructed Systems Over Natural Languages in the Philosophy of Science" ...................... 469
16. P. F. Strawson: "Carnap's Views on Constructed Systems versus Natural Languages in Analytic Philosophy" ... 503
17. Yehoshua Bar-Hillel: "Remarks on Carnap's Logical Syntax of Language" .... 519
18. Nelson Goodman: "The Significance of Der \logische Aufbau der Welt" .......... 545
## TABLE OF CONTENTS

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>19. <strong>ARTHUR PAP:</strong> &quot;Reduction Sentences and Disposition Concepts&quot;</td>
<td>559</td>
<td></td>
</tr>
<tr>
<td>20. <strong>ADOLF GRÜNBAUM:</strong> &quot;Carnap's Views on the Foundations of Geometry&quot;</td>
<td>599</td>
<td></td>
</tr>
<tr>
<td>21. <strong>CARL G. HEMPEL:</strong> &quot;Implications of Carnap's Work for the Philosophy of Science&quot;</td>
<td>685</td>
<td></td>
</tr>
<tr>
<td>22. <strong>JOHN G. KEMENY:</strong> &quot;Carnap's Theory of Probability and Induction&quot;</td>
<td>711</td>
<td></td>
</tr>
<tr>
<td>23. <strong>ARTHUR W. BURKS:</strong> &quot;On the Significance of Carnap's System of Inductive Logic for the Philosophy of Induction&quot;</td>
<td>739</td>
<td></td>
</tr>
<tr>
<td>24. <strong>HILARY PUTNAM:</strong> &quot;'Degree of Confirmation' and Inductive Logic&quot;</td>
<td>761</td>
<td></td>
</tr>
<tr>
<td>25. <strong>ERNEST NAGEL:</strong> &quot;Carnap's Theory of Induction&quot;</td>
<td>785</td>
<td></td>
</tr>
<tr>
<td>26. <strong>ABRAHAM KAPLAN:</strong> &quot;Logical Empiricism and Value Judgments&quot;</td>
<td>827</td>
<td></td>
</tr>
</tbody>
</table>

### III. THE PHILOSOPHER REPLIES

**RUDOLF CARNAP:** "Replies and Systematic Expositions" | 859

**Introductory Remarks** | 859

#### I. Relations Between Logical Empiricism and Other Philosophical Movements

1. Charles Morris on Pragmatism and Logical Empiricism | 860
2. Robert S. Cohen on Dialectical Materialism vs. Empiricism | 863
3. Philipp Frank and V. Brushtlinsky on Positivism, Metaphysics, and Marxism | 867

#### II. Metaphysics, Realism, and Physicalism

4. My Views on Ontological Problems of Existence | 868
5. Paul Henle on Meaning and Verifiability | 874
6. K. R. Popper on The Demarcation Between Science and Metaphysics | 877
7. Herbert Feigl on Physicalism | 882
8. A. J. Ayer on Other Minds | 886
III. Language, Modal Logic, and Semantics ................. 889
  9. My Conceptions of the Logic of Modalities .......... 889
  10. My Conception of Semantics ......................... 900
  11. Robert Feys on Modalities .......................... 905
  12. John Myhill on Modal Logic and Semantics ..... 908
  13. Donald Davidson on Modalities and Semantics .... 911
  14. Richard Martin on Semantics ....................... 914
  15. W. V. Quine on Logical Truth ..................... 915
  16. Herbert G. Bohnert on Definitions and Analyticity . 922
  17. Wilfrid Sellars on Abstract Entities in Semantics . 923
  18. E. W. Beth on Constructed Language Systems .... 927
  19. P. F. Strawson on Linguistic Naturalism ........... 933
  20. Yehoshua Bar-Hillel on Linguistics and Metatheory . 940

IV. Concepts and Theories of Empirical Science ............... 944
  21. Nelson Goodman on Der logische Aufbau der Welt ... 944
  22. Arthur Pap on Dispositions .......................... 947
  23. Adolf Grünbaum on the Philosophy of Space and Time . 952
  24. Carl G. Hempel on Scientific Theories .............. 958

V. Probability and Induction .................................. 966
  25. My Basic Conceptions of Probability and Induction .... 966
  26. An Axiom System for Inductive Logic ................. 973
  27. John G. Kemeny on Probability and Induction ....... 979
  28. Arthur W. Burks on the Philosophy of Induction .... 980
  29. Hilary Putnam on Degree of Confirmation and
      Inductive Logic .................................... 983
  30. Ernest Nagel on Induction ............................ 989
  31. K. R. Popper on Probability and Induction ........... 995

VI. Value Judgments ............................................ 999
  32. Abraham Kaplan on Value Judgments ................... 999

IV. BIBLIOGRAPHY OF THE WRITINGS OF
RUDOLF CARNAP
     (compiled by Arthur J. Benson) ....................... 1017
Index (arranged by Robert P. Sylvester) ..................... 1070