
Contents

SYNOPSIS	ix
SOME MAJOR ISSUES AND DEVELOPMENTS IN THE PHILOSOPHY OF SCIENCE OF LOGICAL EMPIRICISM, by <i>Herbert Feigl</i>	3
THE METHODOLOGICAL CHARACTER OF THEORETI- CAL CONCEPTS, by <i>Rudolf Carnap</i>	38
I. Our Problems, 38. II. The Observation Language L_o , 40. III. The Theoretical Language L_T , 42. IV. The Problem of the Admissibility of Theoretical Entities, 43. V. The Correspondence Rules C, 47. VI. A Cri- terion of Significance for Theoretical Terms, 49. VII. The Adequacy of the Criterion of Significance, 52. VIII. A Criterion of Significance for Theoretical Sentences, 59. IX. Disposition Concepts, 62. X. The Differ- ence between Theoretical Terms and Pure Disposition Terms, 66. XI. Psychological Concepts, 69.	
CRITIQUE OF PSYCHOANALYTIC CONCEPTS AND THEORIES, by <i>B. F. Skinner</i>	77
A STUDY OF RADICAL BEHAVIORISM, by <i>Michael Scriven</i>	88
AN OPERATIONAL REFORMULATION OF SOME OF THE BASIC PRINCIPLES OF PSYCHOANALYSIS, by <i>Albert Ellis</i> ..	131
What Operationism Is, 131. A Basic Operational Vocabulary, 137. Re- formulating Psychoanalytic Principles, 140. Limitations of the Opera- tional Reformulation of Freudian Principles, 150. Summary, 151.	
MOTIVES AND THE UNCONSCIOUS, by <i>Antony Flew</i>	155
CONSTRUCT VALIDITY IN PSYCHOLOGICAL TESTS, by <i>L. J. Cronbach and P. E. Meehl</i>	174

Contents

Four Types of Validation, 175. Kinds of Constructs, 178. The Relation of Constructs to "Criteria," 179. Inadequacy of Validation in Terms of Specific Criteria, 180. Experimentation to Investigate Construct Validity, 182. The Logic of Construct Validation, 187. Conclusions Regarding the Network after Experimentation, 192. Validation of a Complex Test "As a Whole," 197. Recapitulation, 200.

PROBLEMS IN THE ACTUARIAL CHARACTERIZATION OF A PERSON, by *P. E. Meehl*..... 205

ON THE LOGIC OF GENERAL BEHAVIOR SYSTEMS THEORY, by *R. C. Buck*..... 223

THE CONCEPT OF EMERGENCE, by *P. E. Meehl* and *Wilfrid Sellars* 239

EMPIRICISM AND THE PHILOSOPHY OF MIND, by *Wilfrid Sellars* 253

i. An Ambiguity in Sense-Datum Theories (Secs. 1-7), 253. ii. Another Language? (Secs. 8-9), 261. iii. The Logic of 'Looks' (Secs. 10-20), 267. iv. Explaining Looks (Secs. 21-23), 277. v. Impressions and Ideas: a Logical Point (Secs. 24-25), 282. vi. Impressions and Ideas: an Historical Point (Secs. 26-29), 285. vii. The Logic of 'Means' (Secs. 30-31), 290. viii. Does Empirical Knowledge Have a Foundation? (Secs. 32-38), 293. ix. Science and Ordinary Usage (Secs. 39-44), 300. x. Private Episodes: the Problem (Sec. 45), 305. xi. Thoughts: the Classical View (Secs. 46-47), 307. xii. Our Rylean Ancestors (Secs. 48-50), 309. xiii. Theories and Models, (Secs. 51-52), 311. xiv. Methodological versus Philosophical Behaviorism (Secs. 53-55), 314. xv. The Logic of Private Episodes: Thoughts (Secs. 56-59), 317. xvi. The Logic of Private Episodes: Impressions (Secs. 60-63), 321.

A POSSIBLE DISTINCTION BETWEEN TRADITIONAL SCIENTIFIC DISCIPLINES AND THE STUDY OF HUMAN BEHAVIOR, by *Michael Scriven*..... 330

NAME INDEX..... 340

SUBJECT INDEX..... 343