

THEOLOGICAL ISSUES AND THE SOCIAL SCIENCES: Epistemology

I. Paradigms and the History of Psychology: Kuhn and his Critics

Required Reading

- ✓ Thomas S. Kuhn, The Structure of Scientific Revolutions (1970) 2nd edition.
- ✓ Margret Masterman, "The Nature of a Paradigm" in Lakatos & Musgrave, ed. Criticism and the Growth of Knowledge (1970) 59-89.
- ✓ Paul K. Feyerabend, "Consolations for the Specialist" in Lakatos and Musgrave, op. cit. 197-230.
- ✓ D. Shapere, "The Structure of Scientific Revolutions", Philosophical Review 73 (1964) 383-394.
- ✓ Charles C. Gillispie, "The Nature of Science", Science 138 (1962) 1251-1253.

Recommended Reading

Thomas S. Kuhn, "The Function of Dogma in Scientific Research"
"The Essential Tension: Tradition and Innovation in Scientific Research"

Stephen Toulmin, "Conceptual Revolutions in Science", Synthese 17 (1967) 75-91.

Paul K. Feyerabend, "Problems of Empiricism" in R.G. Colodny, ed., Beyond the Edge of Certainty (1965) 145-260.

Larry Laudan, Progress and its Problems (1977)

Lakatos and Musgrave, Criticism and the Growth of Knowledge (1970)

II. Paradigms and the History of Psychology: The Applicability of Kuhnian Paradigms

Required Reading

✓ David S. Palermo, "Is a Scientific Revolution Taking Place in Psychology?" Science Studies 1 (1971) 135-155.

✓ Neil Warren, "Is a Scientific Revolution Taking Place in Psychology?-- Doubts and Reservations", Science Studies 1 (1971) 407-413.

✓ L.B. Briskman, "Is Kuhnian Analysis Applicable to Psychology?", Science Studies 2 (1972) 87-97.

✓ Brian D. Mackenzie, "Behaviorism and Positivism", Journal of the History of the Behavioral Sciences 8 (1972) 222-231.

✓ W.B. Weimer and D.S. Palermo, "Paradigms and Normal Science in Psychology", Science Studies 3 (1973) 211-244.

Recommended Reading

✓ Neil Warren, "Normal Science and the Normal Standards of Scholarly Debate", Science Studies 4 (1974) 195-197.

✓ W.B. Weimer and D.S. Palermo, "Standards, Scholarship, and Debate: A Rejoinder to Warren", Science Studies 4 (1974) 198-200.

Mark W. Lipsey, "Psychology: Preparadigmatic, Postparadigmatic, or Misparadigmatic?", Social Studies of Science 4 (1974) 406-410.

Walter B. Weimer, "The History of Psychology and its Retrieval from Historiography: I: The Problemativ Nature of History", Science Studies 4 (1974) 235-258.

"II: Some Lessons for the Methodology of Scientific Research", Science Studies 4 (1974) #67-396.

III. Science and Metaphysics

✓ Joseph Agassi, "Scientific Problems and their Roots in Metaphysics", in The Critical Approach to Science and Philosophy, London (1964) 189-211.

Karl R. Popper, Conjectures and Refutations: The Growth of Scientific Knowledge (1968) -- Chapter 2: "The Nature of Philosophical Problems and Their Roots in Science; Chapter 3: "Three Views Concerning Human Knowledge"; Chapter 11: "The Demarcation Between Science and Metaphysics".

Ian G. Barbour, Issues in Science and Religion (1966) Chapter 6: "The Methods of Science", 137-174.

Philipp G. Frank, "The Variety of Reasons for the Acceptance of Scientific Theories", in Frank, ed., The Validation of Scientific Theories (1954)

A. Koyre, "Influence of Philosophic Trends on the Formation of Scientific Theories" in Frank, op. cit.

R.S. Peters and H. Tajfel, "Hobbes and Hull--Metaphysicians of Behaviour" British Journal of the Philosophy of Science 8 (1957/58) 30-44.

A.E. Burt, The Metaphysical Foundations of Modern Science (1932)

IV. Paradigms and the History of Psychology: Metaphysics, Methodology and Paradigm Change

* Required Reading

• Allan R. Buss, "The Structure of Psychological Revolutions", Journal of the History of the Behavioural Sciences (1978) 57-64.

J.B. Watson, "Psychology as the Behaviourist Views It", Psychological Review 20 (1913) 158-177.

Kenneth W. Spence, "The Postulates and Methods of 'Behaviorism'", } Psychological Review 55 (1948) reprinted in Feigl and Brodbeck, } Readings in the Philosophy of Science (1953) 571-584.

* Segal and Lachman, "Complex Behavior or Higher Mental Process: Is there A Paradigm Shift?", American Psychologist 27 (1972) 46-55.

Recommended Reading

- K E.G. Boring, History of Experimental Psychology (1950)
- R S. Koch, "Psychology and Emerging Conceptions of Knowledge as Unitary" in Behaviorism and Phenomenology: Contrasting Bases for Modern Psychology (1964)
- * Robert Lana, The Foundations of Psychological Theory (1976)
- I. Maltzman, "Awareness: Cognitive Psychology vs. Behaviorism", Journal of Experimental Research in Personality (1966) 161-165.

V. The Dialectical Paradigm

Required Reading

- * Klaus F. Riegel, Psychology, Mon Amour: A Countercontext (1978).

Recommended Reading
Erich Labouvie, "The Dialectic Nature of Measurement Activities in the Behavioral Sciences", Human Development (1975) 396-403.
Klaus F. Riegel, "The Dialectics of Human Development", American Psychologist 31 (1976) 689-698.

*Note
Dialectical Approach
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Recommended Reading

- ✓ * Klaus F. Riegel, "The Systematization of Dialectical Logic for the Study of Development and Change: An Introduction", Human Development 19 (1976) 321-24.
- ✓ "Subject-Object Alienation in Psychological Experimentation and Testing", Human Development 18 (1975) 181-193.
- Karl R. Popper, "What Is Dialectic?" in his Conjectures and Refutations: The Growth of Scientific Knowledge (1968) 312-335.

Theological Issues and the Social Sciences: Epistemology; Part II

Paradigms and Theology-- Some Suggested Readings

General Background

✓ W. Alvin Pitcher, 'A Christian Doctrine of Man: Man's Essential Nature' in L. Leavenworth (ed.), Great Themes in Theology (1958)

Overview of Philosophy of View of Man

✓ James Brown, Kierkegaard, Heidegger, Buber and Barth (1955); Originally published as Subject and Object in Modern Theology. Chapter 1: 'The Subject-Object Relation'.

Read chapter on Barth.

John Calvin, Institutes of the Christian Religion, book II, Chapt. i-v.

van Man R -> P model -> human

T.F. Torrance, Calvin's Doctrine of Man (1949) especially Chapter Six: 'The Image of God (4)' p. 73-82.

R -> P

Friedrich Schleiermacher, The Christian Faith

On Religion: Speeches to its Cultured Despisers

in 'Special'

R. Williams, 'Schleiermacher & Feuerbach on the intentionality of Religious Consciousness', Journal of Religion 53 (1973) 424-55.

Henri Bouillard, 'Dialectical Theology' in the Encyclopedia of Theology, The Concise Sacramentum Mundi, ed. by Karl Rahner (1975).

P -> R

✓ Martin Buber, 'The History of the Dialogical Principle' in Between Man and Man (1965)

Helmut Thielicke, Evangelical Faith Vol. I, 'B. Confrontation of the Basic Types under the Terms Cartesian (Theology A) and Non-Cartesian (Theology B)' especially pp. 38-55, 129-137, 152-160, 174-218.

Diabolical

Karl Barth, 'The Basic Form of Humanity', Church Dogmatics III.II.222ff. (Skip Barth's excursus on Nietzsche and N.B. 243-274).

Nick

Emil Brunner, Man in Revolt (1947)

Paul Tillich, 'What is Basic in Human Nature', Past. Psych. 14 (1963) 13-20.

David E. Roberts, 'Tillich's Doctrine of Man' in The Theology of Paul Tillich, ed. by Kegley and Bretall (1952) p. 180-130.

✓ Martin Buber, 'What is Man?', in Between Man and Man (1947).

BIBLIOGRAPHY

- Bateson, Gregory
1972 Steps to an Ecology of Mind. New York: Chandler.
- Bellah, R.N.
1970 Confessions of a former establishment fundamentalist.
Bulletin of the Council of the Study of Religion. Vol. 1.
- Berlin, Brent and Paul Kay
1969 Basic Color Terms: Their Universality and Evolution.
Berkeley: University of California Press.
- Brilyn, S.T.
1967 The new empiricists: The participant observer and phenomenologist.
Sociology and Social Research. 51: 320-21.
- Caws, Peter
1974 Operational, representational and explanatory models. American
Anthropologist. 76: 1-10.
- Devereux, George
1967 From Anxiety to Method in the Behavioral Sciences. The Hague:
Mouton.
- Gardner, Howard
1972 The Quest for Mind: Piaget, Levi-Strauss, and the Structuralist
Movement. New York: Vintage Books.
- Habermas, Jurgen
1968 Knowledge and Human Interests. Boston: Beacon Press.
- Hacker, P.M.S.
1972 Insight and Illusion: Wittgenstein on Philosophy and the
Metaphysics of Experience. New York: Oxford University Press.
- Hayakawa, S.I.
1964 Language in Thought and Action. 2nd ed. New York: Harcourt
Brace Jovanovich.
- Jarvie, I.C.
1975 Epistle to the Anthropologists. American Anthropologist.
77: 253-266.
- Korbuzybski, Alfred
1933 Science and Sanity: An Introduction to Non-Aristotelian
Systems and General Semantics. International Non-
Aristotelian Library Publishing Company.
- Kuhn, Thomas S.
1972 The Structure of Scientific Revolutions. Chicago: University
of Chicago Press.

KUng, Hans

1971 Infallible? London: Collins.

Lenhardt, Christian K.

1972 Rise and Fall of Transcendental Anthropology. Philosophy and the Social Sciences. 2:231-246.

Magalit, Isabelo

1977 Qualifications for Declaring His Glory. In D.M. Howard, ed. Declaring His Glory Among the Nations. Downers Grove, IL.: Inter Varsity Press..

Mascall, E.L.

1956 Christian Theology and Natural Science. London: Longmans, Green.

Morick, Harold, editor.

1967 Wittgenstein and the Problem of Other Minds. New York: McGraw-Hill Book Company.

Piaget, Jean

1966 The Origin of Intelligence in the Child. London: Routledge and Kegan Paul.

1968 Structuralism. New York: Harper and Row.

Polyanyi, Michael

1946 Science, Faith, and Society. London: Oxford University Press.

1958 Personal Knowledge: Towards a Post-Critical Philosophy. New York: Harper and Row.

1969 Knowing and Being. Chicago: University of Chicago Press.

Price, H.H.

1969a Thinking and Experience. London: Hutchinson University Press.

1969b Belief. London: George Allen and Unwin.

Radnitsky, Gerard

1973 Contemporary Schools of Metascience. Chicago: Henry Regnery.

Schilling, Harold K.

1973 The New Consciousness in Science and Religion. London. SCM Press.

Scholte, B.

1969 Toward a reflective and critical anthropology. In Dell Hymes, ed. Reinventing Anthropology. New York: Random.

Whitehead, Alfred North

1938 Modes of Thought. New York: The Free Press.

1925 Science and the Modern World. New York: The Free Press.

Recommended readings concerning epistemology from Michael
Ingertson, Fall, 1979:

1. D. Shapere, "The Structure of Scientific Revolutions"
The Phil Review, 73 (1964) 383-94.
2. I. Scheffler, "Vision and Revolution: A Postscript on Kuhn",
Phil of Sci, 39 (1972) 366-74.
3. J. Meiland, "Kuhn, Scheffler and Objectivity in Science"
Phil of Sci, 41 (1974) 179-87.
4. G. Doppelt, "Kuhn's Epistemological Relativism: An Inter-
pretation and Defense", Inquiry, 21 (1979) 33-86.
5. T.S. Kuhn, "Objectivity, Value Judgement, and Theory Choice"
in Kuhn, The Essential Tension (1977) 320-39.
(Cf. 'Postscript' (1970))
6. Fred Suppe, "Introduction" and "Afterword" to The Structures
of Scientific Theories, Second Edition (1979).