

OUTLINE OF TOPICS

	PAOB
1. Principles in the order of reality	429
1a. The differentiation of principle, element, and cause	
1b. The being, number, and kinds of principles in the order of reality	
1c. The metaphysical significance of the principles of thought	430
2. The kinds of principles in the order of knowledge	
2a. The origin of knowledge in simple apprehensions	
(1) Sensations or ideas as principles	
(2) Definitions as principles	
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2b. Propositions or judgments as principles	
(1) Immediate truths of perception: direct sensitive knowledge of appearances; evident particular facts	
(2) Immediate truths of understanding: axioms or self-evident truths; <i>a priori</i> judgments as principles	
(3) Constitutive and regulative principles: the maxims of reason	
3. First principles or axioms in philosophy, science, dialectic	432
3a. Principles and demonstration	
(1) The indemonstrability of axioms: natural habits of the mind	
(2) The indirect defense of axioms	
(3) The dependence of demonstration on axioms: the critical application of the principles of identity and contradiction	
3b. Principles and induction: axioms as intuitive inductions from experience; stages of inductive generalization	
3c. Axioms in relation to postulates, hypotheses, or assumptions	
(1) The distinction between first principles in general, or common notions, and the principles of a particular subject matter or science	
(2) The difference between axioms and assumptions, hypotheses and principles, as a basis for the distinction between knowledge and opinion, or science and dialectic	433
(3) The distinction and order of the sciences according to the character of their principles	
4. First principles in the practical order: the principles of action or morality; the principles of the practical reason	
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4b. The natural moral law and the categorical imperative	
5. The skeptical denial of first principles or axioms: the denial that any propositions elicit the universal assent of mankind	435