

# CONTENTS

Translator's Preface . . . . .	ix
Foreword by John Wild . . . . .	xii
<i>A Philosophy of the Ambiguous</i> by Alphonse De Waelhens .	xviii
Introduction . . . . .	3
The problem of the relations of consciousness and nature	
I. Reflex Behavior . . . . .	7
Introduction . . . . .	7
The definition of objectivity in physiology and the classical conception of the reflex • The methods of realistic analysis and causal explanation	
The Classical Conception of the Reflex and Its Auxiliary Hypotheses . . . . .	10
The "stimulus" • The place of the excitation • The reflex circuit: chemical, secretory and vegetative conditions of the reflex—cerebral and cerebellar conditions; the notions of inhibition and control, of coordination and integration; a hierarchical conception of the nervous system—dependence of the reflex with regard to simultaneous reactions—dependence with regard to preceding reactions: irradiation, reflex reversal, Weber's law and the notion of threshold • The reaction • Resumé: the problem of order; anatomical order and physiological order	
The Interpretation of the Reflex in Gestalt Theory .	33
The ocular fixation reflex; the relations of the excitations with each other and with the reaction • Consequences • Verification of these consequences: functional reorganizations and substitutions particularly in hemianopsia • The biological signification of the reflex	
Conclusion . . . . .	46
The category of "form" • Is it superfluous and, in a sufficiently developed physiology, is nerve functioning reducible to an intersecting of relations of the physical type? • Form and finality • Order as a descriptive category	

II. Higher Forms of Behavior . . . . .	52
Pavlov's Reflexology and Its Postulates . . . . .	52
It presupposes a description of behavior • Physico-chemical analysis and the analysis of behavior in physiology	
The "Central Sector" of Behavior and the Problem of Localizations . . . . .	60
Generally accepted results in the problem of localizations: the analysis of sickness, disorders of structure—global functioning and mosaic functioning—mixed conception of localizations and functional parallelism • Interpretation of these results: is the notion of coordination sufficient to account for them?—coordination in spatial perception and the "disparity of images"—coordination in chromatic perception; the "chromatic level"—coordination in the physiology of language—equivocity of the notion of coordination • Conclusion: against empiricism and intellectualism in physiology—form in central phenomena—but what is a form?	
The Structures of Behavior . . . . .	93
Learning cannot be interpreted as an association of mutually external nerve events • Description of the structures of behavior: 1) instinct and the syncretic forms—2) the "amovable forms": the signal; spatial and temporal relations; mechanical and static relations—3) the symbolic forms	
Conclusion . . . . .	124
The signification of the conditioned reflex: pathological phenomenon or higher activity • Behavior and existence	
III. The Physical Order; The Vital Order; The Human Order . . . . .	129
Introduction . . . . .	129
Gestalt theory attempts to go beyond the antinomies of substantialism—lacking a philosophical analysis of "form," it is in reality reducible to them	
Structure in Physics . . . . .	137
In what sense it is true to say, against positivism, that the physical world includes structures • But they are not <i>in a nature</i> • Structure is for a consciousness	
Vital Structures . . . . .	145
The originality of vital forms with respect to physical systems—the organism and its milieu as the terms of a new dialectic • The organism as "idea" • The unity of	

signification, in the organism, beyond the mechanist-  
vitalist antinomy

The Human Order . . . . .	160
<p>The life of consciousness—the relation of consciousness and action remains external in contemporary thinkers: the consequences concerning the theory of perception—the characteristics of nascent perception: it is attached to human intentions rather than to objects and it experiences realities rather than knowing truths—the consequences concerning the structure of consciousness: several kinds of intentions; the consciousness of reality • Properly human consciousness • Against causal thinking in psychology: interpretation of the Freudian system in terms of structure • The “mental” and the mind are not substances but dialectics or forms of unity—how to go beyond the alternative of “mentalism” and “materialism”—the mental as structure of behavior</p>	
Conclusion . . . . .	184
<p>The double meaning of the preceding analyses; do they admit of a conclusion in accord with critical thought?</p>	
<b>IV. The Relations of the Soul and the Body and the Problem of Perceptual Consciousness . . .</b>	<b>185</b>
The Classical Solutions . . . . .	185
<p>Naive consciousness and its empirical realism • Philosophical realism of the sensible • The pseudo-Cartesianism of science • Cartesian analyses and perceptual consciousness • The critical idea: the problem of the relations of the soul and the body resolved by an intellectualist theory of perception</p>	
Is There Not a Truth of Naturalism? . . . . .	201
<p>In what sense the preceding chapters lead to the transcendental attitude: matter, life and mind defined as three orders of signification • But our conclusion is not that of critical thought • Consciousness, as place of significations, and consciousness, as flux of the lived, must be distinguished: 1) external perception, the phenomenon of the thing; the phenomenon of the body proper; the return to the perceptual field as to an original experience; realism as a well-founded error—2) error; the psychological and social structures</p>	
Conclusion . . . . .	221
<p>Structure and signification: the problem of perceptual consciousness</p>	
Notes . . . . .	225
Studies Cited in This Work . . . . .	250
Index of Authors Cited . . . . .	255