

Contents

<i>List of Contributors</i>	<i>page xi</i>
<i>Foreword by Jerome Bruner</i>	xix
Introduction <i>Shulamith Kreitler</i>	1
PART I. EXPLANATORY CONCEPTS AND CONTEXTS	
1. The Role of Epistemic Motivations in Knowledge Formation <i>Arie W. Kruglanski & Anna Sheveland</i>	15
2. The Structure and Dynamics of Cognitive Orientation: A Motivational Approach to Cognition <i>Shulamith Kreitler</i>	32
3. Personality and Cognition <i>Phillip L. Ackerman</i>	62
4. Cognition in the Context of Psychopathology: A Selective Review <i>Josef Zihl, Nicole Szesny, & Thomas Nickel</i>	76
5. The Impact of Anxiety on Cognitive Performance <i>Michael W. Eysenck</i>	96
6. Biological Foundations: The SEEKING System as an Affective Source for Motivation and Cognition <i>Jeff Stewart & Jaak Panksepp</i>	109
7. Motivation, Cognition, and Emotion: A Phylogenetic-Interdisciplinary Approach <i>Manfred Wimmer</i>	137

8.	The Social and Cultural Context of Cognition: A Knowledge Perspective	158
	<i>Evelyn Au, Wendy Wan, & Chi-yue Chiu</i>	
9.	Biological Models of Organisms and Their Evolutionary Change: Their Importance for Epistemology and Different Cultural Traditions	173
	<i>Karl Edlinger</i>	
10.	What Do Genes Have to Do with Cognition?	192
	<i>Wendy Johnson</i>	
11.	Brain, Behavior, and Cognition	215
	<i>Norbert Jaušovec & Ksenija Jaušovec</i>	
12.	Physical Health and Cognition	238
	<i>Shulamith Kreitler, Kineret Weissler, & Frida Barak</i>	
PART II. DOMAINS OF COGNITION IN CONTEXT		
13.	Motivation, Goals, Thinking, and Problem Solving	273
	<i>Ken J. Gilhooly & Evridiki Fioratou</i>	
14.	Motivation and Heuristic Thinking	289
	<i>Dan Zakay & Dida Fleisig</i>	
15.	Motivation, Decision Theory, and Human Decision Making	307
	<i>Ola Svenson</i>	
16.	Cognitive Science and Knowledge Management: Reflecting the Limits of Decision Making	321
	<i>Rainer P. Born & Eva Gatarik</i>	
17.	Interest, Cognition, and the Case of L- and Science	352
	<i>K. Ann Renninger & Kathryn R. Riley</i>	
18.	Metacognition, Motivation, and Affect in the School Context: Metacognitive Experiences in the Regulation of Learning	383
	<i>Anastasia Efklides</i>	
19.	Motivation in Language	407
	<i>Klaus-Uwe Panther</i>	
20.	Intelligence and Cognitive Exceptionality: The Motivational Perspective	433
	<i>Edward F. Zigler</i>	

21.	How Conscious Thought, Imagination, and Fantasy May Relate to Cognition and Motivation	450
	<i>Jerome L. Singer & Dorothy G. Singer</i>	
22.	Creativity and Motivation	468
	<i>Mark A. Runco & David J. McGarva</i>	
	<i>Index</i>	483