
Contents

<i>List of contributors</i>	viii
<i>Acknowledgements</i>	xvi
<i>Introduction</i>	xvii

PART 1 CONCEPTUAL CONSIDERATIONS: COGNITIVE SYSTEMS AND CAPABILITIES

1 Why people think deeply: meta-cognitive cues, task characteristics and thinking dispositions <i>Ryan E. Smerek</i>	3
2 System 0: the overlooked explanation of expert intuition <i>Stuart E. Dreyfus</i>	15
3 Toward the geocentric framework of intuition: the Yin-Yang balancing between the Eastern and Western perspectives on intuition <i>Peter Ping Li</i>	28
4 Conceptualizing intuition as a mental faculty: toward a 'critique of intuitive reason' and a process model of intuition <i>Allard C.R. van Riel and Csilla Horváth</i>	42

PART 2 CONCEPTUAL CONSIDERATIONS: STRESS AND EMOTIONS

5 Stress and the unconscious in intuitive judgement <i>Sharon L. Grant and Janice Langan-Fox</i>	59
6 Exploring the dynamic of evoking intuition <i>Satu Teerikangas and Liisa Välikangas</i>	72
7 Intuition, expertise and emotion in the decision making of investment bank traders <i>Shalini Vohra and Mark Fenton-O'Creevy</i>	88

**PART 3 QUANTITATIVE APPROACHES: SELF-REPORTS,
EXPERIMENTS AND BRAIN ACTIVITY**

- 8 Self-report assessment of individual differences in preferences
for analytic and intuitive processing: a critical review 101
Gerard P. Hodgkinson and Eugene Sadler-Smith
- 9 Investigating intuition under the perspective of expertise:
experiences from two experimental studies 116
Christian Harteis
- 10 Non-invasive brain stimulation techniques in the study of
intuition 130
Paola Iannello, Barbara Colombo and Alessandro Antonietti

**PART 4 QUALITATIVE APPROACHES: CAPTURING THE
INTUITION EXPERIENCE**

- 11 Capturing intuitions in decision making: a case for the Critical
Incident Technique 147
Cinla Akinçi
- 12 Capturing intuition through concurrent protocol analysis 160
*Leonie Baldacchino, Deniz Ucbasaran, Andy Lockett and
Laure Cabantous*
- 13 Dialogical inquiry: a qualitative method for studying intuition
in the field 176
Jean-Francois Coget
- 14 Researching the microdynamics of intuitive experience 188
Claire Petitmengin
- 15 Mapping group intuitions 199
Marta Sinclair and Alysia Hamilton

**PART 5 QUALITATIVE APPROACHES: GROUNDED
THEORY**

- 16 Theorizing intuition in practice: developing grounded theory
with elite business leaders 219
Martin Robson and Ray Cooksey
- 17 Interview data and grounded theory when studying the use of
intuition in decision making 233
Olli Hyppänen

**PART 6 QUALITATIVE APPROACHES: USING
RESEARCHER'S EXPERTISE AND INTUITION**

18	Researching intuition in personal creativity <i>Marc Stierand and Viktor Dörfler</i>	249
19	Research on intuition using intuition <i>Viktor Dörfler and Colin Eden</i>	264
	<i>Index</i>	277