Contents

Part I  International Conference Philosophy and Cognitive Science (PCS2013)

Reframing the Problem of Cognitive Penetrability ........................................ 3
Athanassios Raftopoulos

The Emergence and Development of Causal Representations .................. 21
Xiang Chen

On the Nature and Composition of Abstract (Theoretical) Concepts:
The X-CEPTION Theory and Methods for Its Assessment ..................... 35
Luigi Pastore, Sara Dellantonio, Claudio Mulatti and Remo Job

An Eco-Cognitive Model of Ignorance Immunization ............................. 59
Selene Arfini and Lorenzo Magnani

Towards a Caricature Model of Science .............................................. 77
Woosuk Park

Violence and Abductive Cognition: Epistemology and Ethics Entangled......................... 95
Lorenzo Magnani

Part II  International Workshop Visual Abduction
or Abductive Vision? KAIST (Korea Advanced Institute of Science and Technology)

Understanding Visual Abduction: The Need of the Eco-Cognitive Model ......... 117
Lorenzo Magnani
From Visual Abduction to Abductive Vision .......................... 141
Woosuk Park

Abductive Inference in Late Vision ............................... 155
Athanassios Raftopoulos

The Correspondence Principle, Formal Analogy,
and Scientific Rationality ................................. 177
Jeongmin Lee

Understanding Galileo’s Inquiries About the Law of Inertia .... 193
Jun-Young Oh, YooShin Kim, Chun-Hwey Kim,
Byeong-Mee Min and Yeon-A Son

Biomorphism and Models in Design ............................ 209
Cameron Shelley
Philosophy and Cognitive Science II
Western & Eastern Studies
Magnani, L.; Li, P.; Park, W. (Eds.)
2015, X, 221 p. 14 illus., Hardcover
ISBN: 978-3-319-18478-4