

International Journal of Signs and Semiotic Systems

July-December 2014, Vol. 3, No. 2

Table of Contents

SPECIAL ISSUE ON THE SEMIOSIS OF COGNITION: INSIGHTS FROM NATURAL AND ARTIFICIAL SYSTEMS

GUEST EDITORIAL PREFACE

- iv *João Sequeira, Instituto Superior Técnico, Lisbon, Portugal*
Isabel Ferreira, Centro de Filosofia da Universidade de Lisboa, Lisbon, Portugal

RESEARCH ARTICLES

- 1 **Biological Self-Organization**
Guenther Witzany, Telos-Philosophische Praxis, Buermos, Austria
- 12 **Self-Organization and Semiosis in Jazz Improvisation**
Ashley Walton, Department of Psychology, University of Cincinnati, Cincinnati, OH, USA
Michael J. Richardson, Department of Psychology, University of Cincinnati, Cincinnati, OH, USA
Anthony Chemero, Departments of Philosophy and Psychology, University of Cincinnati, Cincinnati, OH, USA
- 26 **Robot Friendship: Can a Robot be a Friend?**
Claus Emmeche, Department of Science Education, University of Copenhagen, Copenhagen, Denmark
- 43 **The Concept of [Robot] in Children and Teens: Some Guidelines to the Design of Social Robots**
João Sequeira, Instituto Superior Técnico, Lisbon, Portugal
Isabel Ferreira, Centro de Filosofia da Universidade de Lisboa, Lisbon, Portugal

Copyright

The **International Journal of Signs and Semiotic Systems (IJSS)** (ISSN 2155-5028; eISSN 2155-5036), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Signs and Semiotic Systems* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; ProQuest Biological Science Journals; ProQuest Illustrata: Natural Science; ProQuest Natural Sciences Journals; ProQuest SciTech Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory