



Volume 122
Number 3

July 2015

Published quarterly
by the
American Psychological
Association

ISSN 0033-295X

Psychological Review

John R. Anderson, *Editor*

Associate Editors

Jerome R. Busemeyer
Charles S. Carver
Susan T. Fiske
Zhong-Lin Lu
John T. Wixted

Psychological Review®



www.apa.org/pubs/journals/rev

July 2015

Volume 122
Number 3

Articles

- 411 An Appraisal Theory of Empathy and Other Vicarious Emotional Experiences
Joshua D. Wondra and Phoebe C. Ellsworth
- 429 Separating Decision and Encoding Noise in Signal Detection Tasks
Carlos Alexander Cabrera, Zhong-Lin Lu, and Barbara Anne Doshier
- 461 Reference-Dependent Risk Sensitivity as Rational Inference
Jerker C. Denrell
- 485 Affixation in Semantic Space: Modeling Morpheme Meanings With Compositional Distributional Semantics
Marco Marelli and Marco Baroni
- 516 A Risk and Maintenance Model for Bulimia Nervosa: From Impulsive Action to Compulsive Behavior
Carolyn M. Pearson, Stephen A. Wonderlich, and Gregory T. Smith

© 2015
American
Psychological
Association

Theoretical Notes

- 536 George Miller's Magical Number of Immediate Memory in Retrospect: Observations on the Faltering Progression of Science
Nelson Cowan
- 542 Signal Detection and Threshold Modeling of Confidence-Rating ROCs: A Critical Test With Minimal Assumptions
David Kellen and Karl Christoph Klauer

Commentary

- 558 Random Walks on Semantic Networks Can Resemble Optimal Foraging
Joshua T. Abbott, Joseph L. Austerweil, and Thomas L. Griffiths
- 570 Hidden Processes in Structural Representations: A Reply to Abbott, Austerweil, and Griffiths (2015)
Michael N. Jones, Thomas T. Hills, and Peter M. Todd

Other

- 428 E-Mail Notification of Your Latest Issue Online!
ii Instructions to Authors
- 557 Members of Underrepresented Groups: Reviewers for Journal Manuscripts Wanted
- 569 Subscription Order Form