

# Journal of Humanistic Mathematics

---

Volume 5 | Issue 2

July 2015

---

## Front Matter

Follow this and additional works at: <https://scholarship.claremont.edu/jhm>

---

### Recommended Citation

"Front Matter," *Journal of Humanistic Mathematics*, Volume 5 Issue 2 (July 2015) . DOI: 10.5642/jhummath.201502.01 . Available at: <https://scholarship.claremont.edu/jhm/vol5/iss2/1>

©2015 by the authors. This work is licensed under a Creative Commons License.

JHM is an open access bi-annual journal sponsored by the Claremont Center for the Mathematical Sciences and published by the Claremont Colleges Library | ISSN 2159-8118 | <http://scholarship.claremont.edu/jhm/>

The editorial staff of JHM works hard to make sure the scholarship disseminated in JHM is accurate and upholds professional ethical guidelines. However the views and opinions expressed in each published manuscript belong exclusively to the individual contributor(s). The publisher and the editors do not endorse or accept responsibility for them. See <https://scholarship.claremont.edu/jhm/policies.html> for more information.

# The Journal of Humanistic Mathematics

## JULY 2015 ISSUE CONTENTS

### Editorial

<i>Inspiring Mathematical Experiences</i>	Mark Huber and Gizem Karaali	1
---	------------------------------	---

### Articles

<i>E-Brock Bugs: An Epistemic Mathematics Computer Game</i>	Laura Broley, Chantal Buteau and Eric Muller	3
<i>Attitudes and Experiences in Liberal Arts Mathematics</i>	Jennifer Clinkenbeard	26
<i>Counting the Angels and Devils in Escher's Circle Limit IV</i>	John Choi and Nicholas Pippenger	51
<i>On Similarities and Differences Between Proving and Problem Solving</i>	Milos Savic	60

### World of Mathematics

<i>Mathematics: What Has It To Do With Me?</i>	Man Keung Siu	90
<i>G.H. Hardy: Mathematical Biologist</i>	Hannah Christenson and Stephan Garcia	96
<i>Mo' Math Mo' Fun</i>	Ryan Rosmarin	103
<i>Reflections on Math Students' Circles: Two Personal Stories from Colorado</i>	Diana White and Lori Ziegelmeier	110
<i>A System of Equations: Mathematics Lessons in Classical Literature</i>	Valery Ochkov and Andreas Look	121
<i>Mathematical Writing: What Is It and How Do We Teach It?</i>	Byung-In Seo	133
<i>On Mathematicians' Eccentricity</i>	Robert Haas	146

The Journal of Humanistic Mathematics  
JULY 2015 ISSUE CONTENTS — continued

**Book Reviews**

- “Notation, Notation, Notation”* Judith Grabiner 151  
(Review of *Enlightening Symbols: A Short History of  
Mathematical Notation and Its Hidden Powers*  
by Joseph Mazur)
- Novelty Wins, “Straight Toward Objective” Loses!* Reuben Hersh 161  
(Review of *Why Greatness Cannot be Planned: The Myth  
of the Objective* by Kenneth Stanley and Joel Lehman)

**Poetry Folder**

- Robin Chapman on (her) Mathematics Education* Robin Chapman 166  
(Math Education, Mary Laycock,  
and Why the Poet Made a C in Calculus)

**Poetry**

- Zero* Terry Trowbridge 169
- The Extraneous Solution* Alex Walsh 170
- Mathematical Double Dactyls* Tristan Miller and Jin Wicked 171
- Geometry of Life* Janice Dykacz 173
- Music and Mathematics* Robert Boucher 174

**Fiction**

- The Topology of Absence* Nora Culik 175

**Recreation**

- Inequality Proof* Lawrence Lesser 185

**Announcement**

- The User’s Guide Project:* Cary Malkiewich, Mona Merling, 186  
Giving Experiential Context to Research Papers  
David White, Frank Wolcott  
and Carolyn Yarnall

## EDITORS

Mark Huber      Claremont McKenna College, USA  
Gizem Karaali      Pomona College, USA

## EDITORIAL ADVISORY BOARD

Andrea Albrecht	University of Stuttgart, Germany
Stephen I. Brown	University at Buffalo, USA
Larry Copes	Institute for Studies in Educational Mathematics, USA
Carl Cowen	Indiana University–Purdue University Indianapolis, USA
Joseph Dauben	CUNY, USA
Chandler Davis	University of Toronto, Canada
Philip J. Davis	Brown University, USA
David Drew	Claremont Graduate University, USA
Ed Dubinsky	Kent State University, USA
Paul Ernest	University of Exeter, UK
Joseph Gallian	University of Minnesota Duluth, USA
Judith Grabiner	Pitzer College, USA
Jeremy Gray	Open University, UK
Emily R. Grosholz	Pennsylvania State University, USA
Rochelle Gutierrez	University of Illinois, Urbana–Champaign, USA
Gila Hanna	University of Toronto, Canada
James Henle	Smith College, USA
Reuben Hersh	University of New Mexico, USA
Roger E. Howe	Yale University, USA
George Gheverghese Joseph	University of Manchester, UK
Sandra Keith	St. Cloud State University, USA
Steven Krantz	Washington University in St. Louis, USA
Philip Kutzko	University of Iowa, USA
Paolo Mancosu	University of California, Berkeley, USA
William McCallum	University of Arizona, USA
Sal Restivo	University of Ghent, Belgium
Joan Livingstone Richards	Brown University, USA
Man Keung Siu	University of Hong Kong, China
T. Christine Stevens	St. Louis University, USA
Jean Paul van Bendegem	Vrije Universiteit Brussel, Belgium
William Y. Velez	University of Arizona, USA

## EDITORIAL POLICY

The Journal of Humanistic Mathematics provides an open forum for both academic and informal discussions on the various threads of mathematical inquiry. The focus of submitted papers should be on the aesthetic, cultural, historical, literary, pedagogical, philosophical, psychological, and sociological aspects of doing, learning, and teaching mathematics. Authors should keep in mind that the Journal intends to publish work that appeals to a general mathematical audience. This includes people who are seriously interested in mathematics, but may come from a variety of backgrounds both within and beyond academia.

## WEBSITE

<http://scholarship.claremont.edu/jhm/>  
<http://journal-of-humanistic-mathematics.org>