

Front Matter

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



Part of the [Arts and Humanities Commons](#), and the [Mathematics Commons](#)

Recommended Citation

"Front Matter," *Journal of Humanistic Mathematics*, Volume 8 Issue 1 (January 2018) . DOI: 10.5642/jhummath.201801.01 . Available at: <https://scholarship.claremont.edu/jhm/vol8/iss1/1>

©2018 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 Journal of Humanistic Mathematics

JANUARY 2018 ISSUE CONTENTS

Editorial

Communicating Mathematics Across Time	Mark Huber & Gizem Karaali	1
---------------------------------------	----------------------------	---

Articles

Ways of Relating to the Mathematics of the Past	Michael N. Fried	3
Mathematics, Writing, and Rhetoric: Deep Thinking in First-Year Learning Communities	Christine von Renesse & Jennifer DiGrazia	24
Predicting the Next US President by Simulating the Electoral College	Boyan Kostadinov	64
Mathematical Arguments in Favor of Risk in Andy Weir’s <i>The Martian</i>	Sarah C. Cobb & Jeff B. Hood	94
What Makes a Theory of Infinitesimals Useful? A View by Klein and Fraenkel	Vladimir Kanovei, Karin U. Katz Mikhail G. Katz & Thomas Mormann	108
Rolling Dice on a Date	Francesca Raphael & Jennifer Switkes	120

Reports

A Survey of the Math Blogosphere	Katherine Thompson	126
The Humanistic Mathematics Network Journal: A Bibliographic Report	Nurullah E. Goren & Tiffany Zhu	140

World of Mathematics

To Fall in Love with Math, Do This	Susan D’Agostino	271
Balancing Entertainment and Learning in the Popularization of Mathematics: The Seven Light Bulbs Problem	Man Keung Siu	277
<i>Seen With Other Eyes:</i> A Service Learning Project for High School Mathematicians Working with Visually Impaired Learners	Özgür Akas	289
How to Write a Clear Math Paper: Some 21 st Century Tips	Igor Pak	301
Cello Tangents of Quartic Polynomials	Robert Haas	329
In memory of Professor Andrei Nikolaievitch Tikhonov (1906-1993) (on the 25 th Anniversary of his death)	Hayat Rezgui	332
Fun, Not Competition: The Story of My Math Club	Johanna Hardin	350
My Sets and Sexuality	Andres Sanchez	359

The Journal of Humanistic Mathematics
JANUARY 2018 ISSUE CONTENTS
continued

Communities

The Origin of the Group in Logic and the Methodology of Science Paolo Mancosu 371

Perspective

Mathematicians Versus Philosophers Viktor Blåsjö 414
in Recent Work on Mathematical Beauty

Book Review

Book Review *Algebra in Context:* Cindia D. Stewart 432
Introductory Algebra from Origins to Applications
by Amy Shell-Gellasch and J.B. Thood

Poetry Folder

Math in Seventeen Syllables: A Folder of Mathematical Haiku 441

Poetry

Theremin David Pritchard 473

Graphing Lines: A Poem Shelley R. Nash 474

The Two-Body Problem in Celestial Mechanics William Sarill 475

Gradual Homicide Jack Ritter 476

Paperback vs. cryptanalysis Terry Trowbridge 477

Fiction

Jesus and the Walnuts Hugh C. Culik 478

Announcements

Mosaic: An Interdisciplinary Critical Journal Shep Steiner 488
Special Issue Call for Papers: *Numbers*

CMSC 2018: 4th Creative Mathematical Sciences Frances Rosamond 489
Communication Conference

EDITORS

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

STUDENT EDITOR

Cyrus Bahi Academy for Science and Design, 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/>