

## 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 9 Issue 2 (July 2019) . DOI: 10.5642/jhummath.201902.01 . Available at: <https://scholarship.claremont.edu/jhm/vol9/iss2/1>

©2019 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 2019 ISSUE CONTENTS

### Editorial

- Anschaulich: Visualization, Imagination, Mathematics Mark Huber and Gizem Karaali 1

### Articles

- Visual Teaching of Geometry and the Origins of 20<sup>th</sup> Century Abstract Art Stephen Luecking 4
- Engaging Crisis: Immersive, Interdisciplinary Learning in Mathematics and Rhetoric Meredith L. Greer & Stephanie Kelley-Romano 29
- Choose Your Own Adventure: An Analysis of Interactive Gamebooks Using Graph Theory D'Andre Adams, Daniela Beckelhymer, and Alison Marr 44
- Using Hidden Markov Modeling for Biogeographical Ancestry Analysis Melvin R. Currie 60
- Telling Women's Stories: A Resource For College Mathematics Instructors Sarah Mayes-Tang 78

### Report

- Public Recognition and Media Coverage of Mathematical Achievements Juan Matías Sepulcre 93

### World of Mathematics

- Finding Beauty: A Case Study in Insights from Teaching Developmental Mathematics Victor Piercey and Geillan Aly 130
- Mathematics Versus Statistics Mindy B. Capaldi 149
- A Graph-Based Analysis of Anton Chekhov's *Uncle Vanya* Stanisław Zawiślak and Jerzy Kopeć 157
- A Few Firsts in the Epsilon Years of My Career Heidi Goodson 187
- Mathematics Students as Artists: Broadening the Mathematics Curriculum Marshall Gordon 192
- Beyond the Classroom: Mathematics in Service Jeana Mastrangeli 211
- Differential Equations of Love and Love of Differential Equations Isaac Elishakoff 226
- Everyman's Climb Charles A. Coppin 247
- Mathematics Out Of Nothing: Talking About Powerful Mathematical Ideas With Children Matthew Oldridge 250
- What are the Odds at the Russia 2018 FIFA World Cup? Günhan Caglayan 258

# The Journal of Humanistic Mathematics

## JULY 2019 ISSUE CONTENTS

continued

### Activity

- Ducci's Four-Number Game: Making Sense of a  
Classic Problem Using Mobile Simulation
- Lingguo Bu 281

### Perspective

- Maths Living in Social Arenas,  
From Practice to Foundations
- Nigel Vinckier 301

### Book Reviews

- Book Review: *What is a Mathematical Concept*  
edited by Elizabeth de Freitas,  
Nathalie Sinclair, and Alf Coles
- Brendan P. Larvor 309

- Book Review:  
*The Seduction of Curves* by Allan McRobie
- Hans J. Rindisbacher 323

### Poetry Folder

- A Life of Equations Shifting to a Life of Words
- Thomas R. Willemain 329

### Poetry

- On Fall Break
- Rachel Levy 333

- What is Math?
- Christopher Ryan Loga 334

- Tuesday
- Ursula Witcher 335

- Special Functions
- Bruce F. McGuffin 336

- Our Binary World
- Simona Carini 337

### Fiction

- Applied Scientific Demiurgy I:  
Entrance Examination Information Sheet
- Mario Daniel Martín 338

### Artwork

- Tartaglia Re-imagined
- Aja Juola 362

### Recreation

- How to Bake a Theorem
- Cache Dexter 364

### Announcement

- Third Annual VOICES Conference on Teaching STEM with Music  
September 22-23, 2019
- Lawrence M. Lesser 372

#### 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/>