

Maria Zack, David Waszek, Editors

Research in History and Philosophy of Mathematics

The CSHPM 2022 Volume

This volume contains 8 papers that have been collected by the Canadian Society for History and Philosophy of Mathematics. It showcases rigorously reviewed contemporary scholarship on an interesting variety of topics in the history and philosophy of mathematics.

Some of the topics explored include:

- A way to rethink how logic is taught to philosophy students by using a rejuvenated version of the Aristotelian idea of an *argument schema*
- A quantitative approach using data from Wikipedia to study collaboration between nineteenth-century British mathematicians
- The depiction and perception of Émilie Du Châtelet's scientific contributions as viewed through the frontispieces designed for books written by or connected to her
- A study of the Cambridge Women's Research Club, a place where British women were able to participate in scholarly scientific discourse in the middle of the twentieth century
- An examination of the research and writing process of mathematicians by looking at their drafts and other preparatory notes
- A global history of al-Khwārizmī's *Kitāb al-jabr wa-l-muqābala* as obtained by tracing its reception through numerous translations and commentaries

Written by leading scholars in the field, these papers are accessible not only to mathematicians and students of the history and philosophy of mathematics, but also to anyone with a general interest in mathematics.

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