Dan Romik
Publication list

Date last updated: August 28, 2023

Downloadable versions of the publications listed below can be found on my publications page [https://www.math.ucdavis.edu/~romik/publications/](https://www.math.ucdavis.edu/~romik/publications/).

Books
- An Invitation to MadHat and Mathematical Typesetting. To be published by the Association for Mathematical Research, 2023.

Preprints

Journal publications

34. On the number of $n$-dimensional representations of $SU(3)$, the Bernoulli numbers, and the Witten zeta function. *Acta Arithmetica* 180 (2017), 111–159.


10. Some formulas for the central trinomial and Motzkin numbers. *J. of Integer Sequences* 6 (2003), article 03.2.3.


**Publications in conference proceedings**


**Patents**


**Software**

I have developed and self-published the following mathematical software applications and packages:

- **MadHat** — mathematical typesetting software, 2021–2023. Available at [https://madhat.design](https://madhat.design)
- Mac-based mathematical simulation apps:
  - MacSort, 2008
  Available at [https://www.math.ucdavis.edu/~romik/software/](https://www.math.ucdavis.edu/~romik/software/)
- Research software packages:


Available at [https://www.math.ucdavis.edu/~romik/software/](https://www.math.ucdavis.edu/~romik/software/)