

computer science  
ALGORITHMS LAB

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A "half-simple" rotationally symmetric Venn diagram for 11 sets (with the boundary of one set highlighted).

Artwork by Stan Wagon, Macalester College

### Staff

- Carla Savage, Professor

### Graduate Students

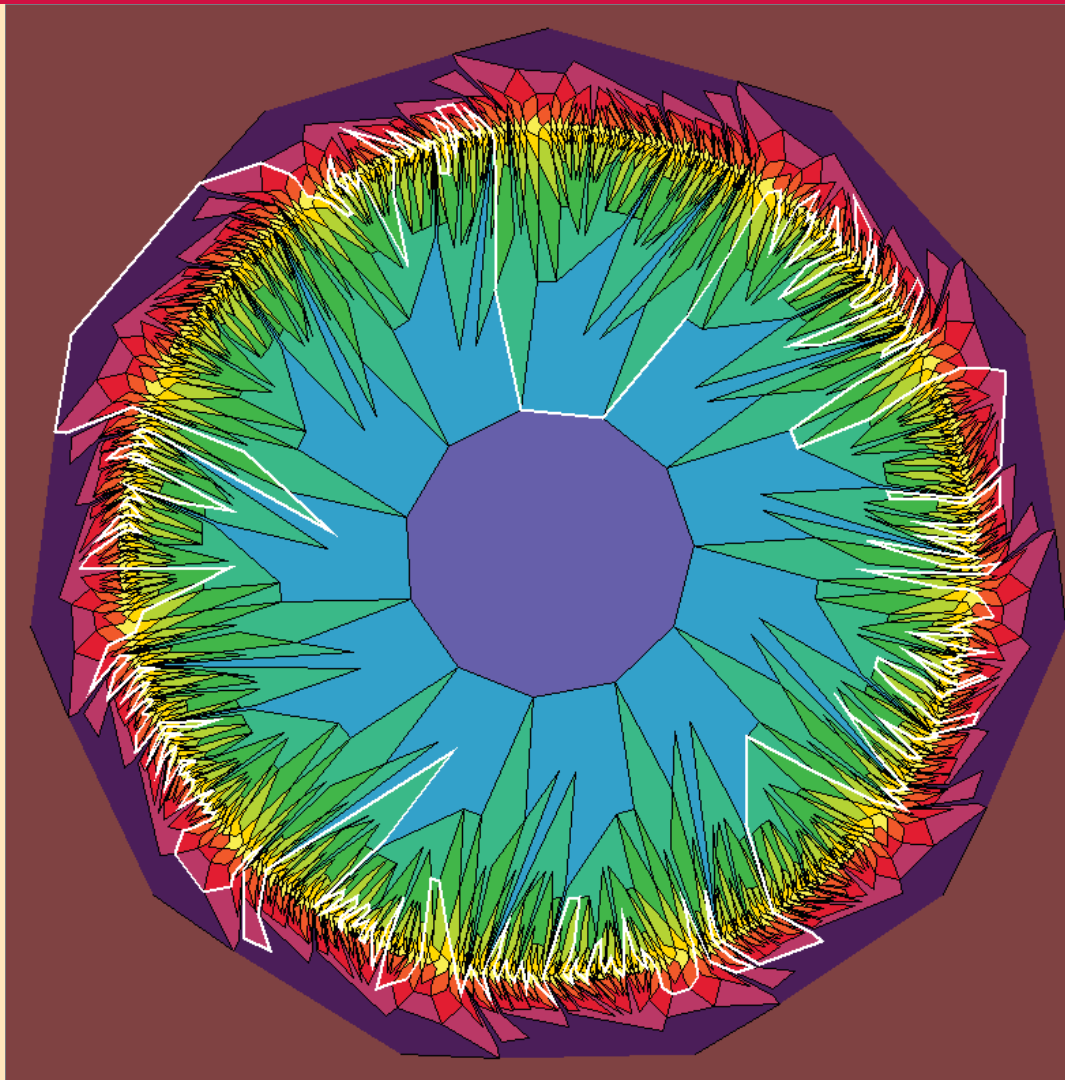
- Sunyoung Lee
- Prashant Iyer
- Daniel Wong
- Paul Labadie

### For More Information:

Carla Savage  
919-515-7863  
savage@csc.ncsu.edu

3262 Engineering Building II  
890 Oval Drive  
Raleigh, NC 27695-8206

[www.csc.ncsu.edu/faculty/savage/](http://www.csc.ncsu.edu/faculty/savage/)



The focus of the Algorithms Lab is the development of software and mathematical tools for the enumeration and generation of combinatorial structures. Research is supported by the National Science Foundation.

The figure above was constructed using the algorithm in the paper, "Half-Simple Symmetric Venn Diagrams", by C. E. Killian, F. Ruskey, C. D. Savage, and Mark Weston, *Electronic Journal of Combinatorics* 11 (2004), Research Paper 86, 22 pp.