

**Journal:**

- [2] Clustering to Minimize the Sum of Radii. (with Matt Gibson, Gaurav Kanade Erik Krohn, and Kasturi Varadarajan.) *Invited to special issue of Algorithmica for SWAT 2008.*
- [1] Topology Control and Geographic Routing in Realistic Wireless Networks. (with Kevin Lillis and Sriram V. Pemmaraju.) *Invited to special issue of Ad Hoc & Sensor Wireless Networks: An International Journal.*

**Conference:**

- [8] On Metric Clustering to Minimize Sum of Radii. (with Matt Gibson, Gaurav Kanade, Erik Krohn, and Kasturi Varadarajan.) In *SWAT 2008, to appear.*
- [7] On Clustering to Minimize Sum of Radii. (with Matt Gibson, Gaurav Kanade, Erik Krohn, and Kasturi Varadarajan.) In *SODA 2008*, pages 819-825.
- [6] Good Quality Virtual Realization of Unit Ball Graphs. (with Sriram V. Pemmaraju.) In *ESA '07: Proceedings of fifteenth Annual European Symposium on Algorithms*, pages 311-322, Heidelberg, Germany, 2007. Springer-Verlag.
- [5] Topology Control and Geographic Routing in Realistic Wireless Networks. (with Kevin Lillis and Sriram V. Pemmaraju.) In *Adhoc-Now '07: Proceedings of sixth International Conference on AD-HOC Networks & Wireless*, pages 15-31, Heidelberg, Germany, 2007. Springer-Verlag.
- [4] Energy conservation via domatic partitions. (with Sriram V. Pemmaraju.) In *MobiHoc '06: Proceedings of the seventh ACM international symposium on Mobile ad hoc networking and computing*, pages 143–154, New York, NY, USA, 2006. ACM Press.
- [3] Oriented Edge Colorings and Link Scheduling in Sensor Networks. (with Ted Herman and Sriram V. Pemmaraju.) In *SENSORWARE/COMSWARE '06: Proceedings of the first International Conference on Communication Software and Middleware*, New Dehli, India, 2006.
- [2] Introduction to the Non-Rigid Image Registration Evaluation Project. (with Gary Christensen, Xiujuan Geng, Jon Kuhl, Joel Bruss, Thomas Grabowski, Michael Vannier, John Allen, and Hanna Damasio.) In *WBIR '06: Proceedings of Biomedical Image Registration*, pages 128–135, Heidelberg, Germany, 2006. Springer-Verlag.
- [1] A Composite Stabilizing Data Structure. (with Ted Herman.) In *WSS '01: Proceedings of the fifth International Workshop on Self-Stabilizing Systems*, pages 167-182, Heidelberg, Germany, 2001. Springer-Verlag.

**Manuscripts/Reports:**

- [1] A Self-Stabilizing Algorithm for a Weaker form of Distributed Mutual Exclusion. *M.S. Thesis, Department of Computer Science.* University of Iowa.

**Talks:**

- [3] *Nov. 2007:* Good Quality Virtual Realization of Unit Disk Graphs. *55th. Midwest Theory Day.* University of Chicago, Chicago, Illinois, U.S.A.
- [2] *Oct. 2007:* Good Quality Virtual Realization of Unit Disk Graphs. *15th. Annual European Symposium on Algorithms.* Eilat, Israel. (Tele-talk due to travel/visa restrictions.)
- [1] *June 2006:* Extending the Lifetime of Wireless Networks while Ensuring Coverage. *2006 SIAM Conference on Discrete Mathematics.* Victoria, B.C., Canada.