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## PUBLICATIONS

- [18] *Geometric Graph Homomorphisms*, with Sally Cockburn, submitted for publication August 2009.
- [17] *The Thickness and Chromatic Number of  $r$ -Inflated Graphs*, with Michael O. Albertson and Ellen Gethner, submitted for publication July 2009.
- [16] *Determining set, resolving sets, and the exchange property*, *Graphs and Combinatorics*, forthcoming.
- [15] *Small label classes in 2-distinguishing labelings*, *Ars Mathematica Contemporanea*, 1 (2008), 154–164.
- [14] *The determining number of a Cartesian product*, *Journal of Graph Theory*, (61) 2009, 77–87.
- [13] *Thickness-two graphs part one: new nine-critical graphs, permuted layer graphs, and Catlins graphs*, with Ellen Gethner and Thom Sulanke, *Journal of Graph Theory*, 57 (2008), 198–214.
- [12] *Automorphisms and distinguishing numbers of geometric cliques*, with Michael O. Albertson, *Discrete and Computational Geometry*, 39 (2008), 778–785.
- [11] *Using determining sets to distinguish Kneser graphs*, with Michael O. Albertson, *Electronic Journal of Combinatorics*, 14(1):Research Paper 20 (electronic), 2007.
- [10] *Identifying graph automorphisms using determining sets*, *Electronic Journal of Combinatorics*, 13(1):Research Paper 78 (electronic), 2006.
- [9] *Distinguishing geometric graphs*, with Michael Albertson, *Journal of Graph Theory*, 53 (2006), 135–150.
- [8] *Structure and properties of locally outerplanar graphs*, *Journal of Combinatorial Mathematics and Combinatorial Computing*, 60 (2007), 169-180.
- [7] *Isometrically embedded graphs*, *Ars Combinatoria*, 77 (2005), 97-108.

[6] *Convex geometric graphs with no short self-intersecting paths*, Congressus Numerantium, 160 (2003), 205 - 214.

[5] *The isometry dimension and orbit number of a finite group*, with Michael Albertson, Congressus Numerantium, 150 (2001), 79 - 85.

[4] *Realizing finite groups in Euclidean space*, with Michael Albertson, Journal of Algebra, 225 (2000), 947 - 956.

[3] *When are centralizers of finite subgroups of  $Out(F_n)$  finite?*, Contemporary Mathematics, 250, American Mathematical Society, Providence, RI, (1999), 37 - 58.

[2] *Wedge theory/compound matrices: properties and applications*, with Ronald F. Gleeson and Robert M. Williams, Office of Naval Research Report No: NAWCADPAX-96-220-TR, 2 August 1996.

[1] *Lower bounds for constant degree independent sets*, with Michael Albertson, Discrete Mathematics, 127 (1994), no. 1 - 3, 15 - 21.