# Discrete Geometry <br> 52 Cxx 

[1] Mireille Boutin and Gregor Kemper, On reconstructing n-point configurations from the distribution of distances or areas, Adv. in Appl. Math. 32 (2004), no. 4, 709-735. MR MR2053842 (2005c:68259)
[2] S. Allen Broughton, Robert M. Dirks, Maria T. Sloughter, and C. Ryan Vinroot, Triangular surface tiling groups for low genus, 2001.
[3] Mathieu Dutour Sikirić, Achill Schürmann, and Frank Vallentin, A generalization of Voronoi's reduction theory and its application, Duke Math. J. 142 (2008), no. 1, 127-164. MR MR2397885 (2009a:11141)
[4] Markus Grassl, Computing equiangular lines in complex space, Mathematical Methods in Computer Science, Lecture Notes in Comput. Sci., vol. 5393, 2008, pp. 89-104.
[5] Michael Kiermaier and Sascha Kurz, Maximal integral point sets in affine planes over finite fields, Discrete Math. 309 (2009), no. 13, 4564-4575. MR MR2519195
[6] Peter Lorimer, Hyperbolic pyritohedra constructed from the Coxeter group $[4,3,5]$, Computational Algebra and Number Theory (Sydney, 1992), Math. Appl., vol. 325, Kluwer Acad. Publ., Dordrecht, 1995, pp. 303-321. MR MR1344939 (96d:20037)
[7] Achill Schürmann, Perfect, strongly eutactic lattices are periodic extreme, Adv. Math 225 (2010), no. 5, 2546-2564.
[8] Achill Schürmann and Frank Vallentin, Computational approaches to lattice packing and covering problems, Discrete Comput. Geom. 35 (2006), no. 1, 73-116. MR MR2183491 (2006k:52048)
[9] P. W. Shor and N. J. A. Sloane, A family of optimal packings in Grassmannian manifolds, J. Algebraic Combin. 7 (1998), no. 2, 157-163. MR MR1609881 (99b:52047)
[10] N. J. A. Sloane, Packing planes in four dimensions and other mysteries, In Algebraic Combinatorics and Related Topics (Yamagata 1997), ed. E. Bannai and M. Harada and M. Ozeki, Yamagata University, 1999. MR )
[11] N. J. A. Sloane, R. H. Hardin, T. D. S. Duff, and J. H. Conway, Minimal-energy clusters of hard spheres, Discrete Comput. Geom. 14 (1995), no. 3, 237-259. MR MR1344734 (96m:52033)

