

Mathematics & Statistics

2011 Research Publications

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Y.Chen, *Divisible Designs and Semi-Regular Relative Difference Sets From Additive Hadamard Cocycles*, Journal of Combinatorial Theory, Series A, 118(2011), pp2185-2006.

Y.Chen, *Paley Type Group Schemes and Planar Dembowski-Ostrom Polynomials*, Discrete Mathematics, 311(2011), pp1349-1364.

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H.Khamis, *The Association Graph and the Multigraph for Loglinear Models*, QASS Quantitative Applications in the Social Sciences series, SAGE (publishers), 2011.

J.Bullock, B.Elder, **H.Khamis**, and E.Warwar, *Effects of Time, Temperature, and Storage VContainer on the Growth of Fusarium: Implications for the Worldwide Fusarium Keratitis Epidemic of 2004-2006*, Archives of Ophthalmology, 129(2011), pp1-6.

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Y.Li and S.-J.Peng, *Multiple Solutions for an Elliptic Problem Related to Vortex Pairs*, J. Differential Equations, 250(2011) no. 8, pp3448-3472.

X.Liu, *An Equivalence of Ward's Bound and its Application*, Des. Codes Cryptogr, 58(2011), pp1-9.

B.Basista, C.Harris, **S.Mathews**, R.Teed, and J.Tomlin, *Supporting Collaboration in a Democracy*, Education in a Democracy: A Journal of the NNER, 3(2011), pp47-74.

T.McKee, *Why Graph-Theoretic Conditional Semivalidities Tend to be Self-Complementary*, Bulletin of the Institute of Combinatorics and its Applications, 61(2011), pp109–112.

T.McKee, *How Vertex Elimination Can Overachieve*, Journal of Combinatorial Mathematics and Combinatorial Computing, 76(2011), pp201–211.

T.McKee, *Minimal Weak Separators of Chordal Graphs*, Ars Combinatoria, 101(2011), pp321–331.

T.McKee, *Simplicial and Nonsimplicial Complete Subgraphs*, Discussiones Mathematicae, Graph Theory, 31(2011), pp577–586.

T.McKee, *When Every k -cycle Has at Least $f(k)$ Chords*, Journal of Graph Theory, 68(2011), pp137-147

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