

2013 Publications

- [1] **Kuhl, J.S.** Transversals and competition numbers for complete multipartite graphs. *Discrete Applied Mathematics*. 161 (2013) 435-440.
- [2] Abel J., Cavenagh N. & **Kuhl J.** Induced subarrays of latin squares with no repeated symbols. *Electronic Journal of Combinatorics*. 20 (1) (2013), #P44.
- [3] **Kuhl, J.S.** & Schroeder, M. Hamilton cycle decompositions of the k -uniform, k -partite hypergraph. *Australasian Journal of Combinatorics*. 56 (2013) 23-37.
- [4] **Kuhl, J.S.** & **Hinojosa, H.** Avoiding partial latin squares simultaneously. *Graphs and Combinatorics*. 29(2) (2013).
- [5] **L. Alvin.** Toeplitz kneading sequences and adding machines, *Discrete and Continuous Dynamical Systems - A*, **33** (2013) 3277-3287.
- [6] **L. Alvin.** Hofbauer towers and inverse limit spaces. Proceedings of the American Mathematical Society, 141(11), 4039-4048.
- [7] **Bagui, S.**, Bagui, S., & **Hemasinha, R.** (2013) Nonrigorous proofs of Stirling's formula. *Mathematics & Computer Education*, 47(2), 115-125.
- [8] **Bagui S.**, Bhaumik, D., and Mehra, K. (2013) A few counter examples useful in teaching central limit theorems. *American Statistician*, 67(1), 49-56.
- [9] Ewald, B., and **Tone, F.** (2013). Approximation of the long-term dynamics of the dynamical system generated by the two-dimensional thermohydraulics equations. *International Journal of Numerical Analysis and Modeling*, 10(3), 509-535.
- [10] Erich Ritter and **Raid Amin**, (2013), "Are Caribbean reef sharks, *Carcharhinus perezi*, able to perceive human body orientation?" *Animal Cognition*. (Springer Verlag issued a press release for this article on December 4, 2013. Springer Select – ground-breaking research)
- [11] Erich Ritter, **Raid Amin**, **Aletheia Zambesi** (2013). "Do Lunar Cycles Influence Shark Attacks"? *Open Fish Science Journal*, 6, 71-74.
- [12] Bagui, S.S., Sean, Sprafkin, and **Bagui, S.C.**, (2013). Calculating support, confidence and lift in multi-relational XML data, *International Journal of Data Analysis and Information Systems*, **5**(1), 13-27.
- [13] **J. Liu** and L.Wu (2013) *A Fast Preconditioned Iterative Solver for Unsteady Incompressible Flow Problems*, Proceedings of Fifth International Conference on Computational and Information Sciences (ICCIS), D.O.I. [10.1109/ICCIS.2013.244](https://doi.org/10.1109/ICCIS.2013.244) 910-913.