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SCHOLARLY PUBLICATIONS AND CREATIVE ACHIEVEMENTS

ARTICLES (in refereed journals):

Z. Kilibarda, V. Kilibarda, *Seasonal geomorphic processes and rates of sand movement at Mount Baldy dune in Indiana, USA*, *Aeolian Research* 23 (2016) 103-114.

S. Craik, R. Gray, V. Kilibarda, J. D. Mitchell and N. Rukuc, *Ends of Semigroups*, *Semigroup Forum*, (2016) 93:330-346. DOI: 10.1007/s00233-016-9814-9.

V. Kilibarda, V. Maltcev, and S. Craik, *Ends for Subsemigroups of Finite Index*, *Semigroup Forum* (2015) 91: 401-414. DOI:10.1007/s00233-014-9660-6.

“Five Pointed Stars and Escher’s Reptile Drawing Through Course Management System with Sketchpad.” *Proceedings of the Twenty First Annual International Conference on Technology in Collegiate Mathematics*, Joanne Foster et al., eds. Addison-Wesley, 2010. Pp. 188-192.

D. A. Jackson and V. Kilibarda, “Ends for Monoids and Semigroups.” *J. Aust. Math. Soc.* 87 (2009) 101-127.

“Bungee Jumping and Murder Investigations using Maple and Oncourse in Differential Equations Class.” *Proceedings of the Twentieth Annual International Conference on Technology in Colegiate Mathematics*, Joanne Foster et al., eds. Addison-Wesley, 2009. Pp. 123-28.

“Coset Decomposition of Positively Self-Conjugate Inverse Submonoids of Polycyclic Monoids.” *Semigroup Forum* 66: (2003), 151—61.

“On the algebra of semigroup diagrams.” *Internat. J. Algebra Comput.* 7, no. 3 (1997), 313—38.

“On some congruences on factorizable semigroups.” *Proceedings of the conference “Algebra and logic.”* (Zagreb 1984): 69—73.

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