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Cole Brower, Scott Chapman, Travis Kulhanek, Joseph McDonough, Christopher O'Neill* (cdoneill@sdsu.edu), **Vody Pavlyuk** and **Vadim Ponomarenko**. *Length density and numerical semigroups*.

Length density is a recently introduced factorization invariant, assigned to each element x of a cancellative commutative atomic semigroup, that measures how far the set of factorization lengths of x is from being a full interval. In this talk, we examine length density of elements of numerical semigroups (that is, additive subsemigroups of the non-negative integers). (Received August 16, 2020)