

A GENERALIZATION OF NUMERICAL SEMIGROUPS.

ALBERTO VIGNERON-TENORIO

Given a rational cone $C \in \mathbb{R}^p$, and an affine semigroup $S \subset C \cap \mathbb{N}$, S is said to be C -semigroup if $(C \cap \mathbb{N}) \setminus S$ is finite. We study some properties of these semigroups and extend Wilf's conjecture for numerical semigroups to them.

García-García, J.I.; Martín-Aragón, D.; Vigneron-Tenorio, A. An extension of Wilf's conjecture to affine semigroups. arXiv:1608.08528 [math.NT]

Joint work with J.I. García-García and D. Martín-Aragón.

