

J. Ježek, T. Kepka, P. Němec

Commutative zeropotent semigroups with few prime ideals

Comment.Math.Univ.Carolin. 52,4 (2011) 501 –505.

Abstract: We construct an infinite commutative zeropotent semigroup with only two prime ideals.

Keywords: semigroup, zeropotent, prime ideal

AMS Subject Classification: 20M14

REFERENCES

- [1] El Bashir R., Kepka T., *Commutative zeropotent semigroups with few invariant congruences*, Czechoslovak Math. J. **58** (2008), 865–885.
- [2] Flaška V., Jančářík A., Kala V., Kepka T., *Trees in commutative nil-semigroups of index two*, Acta Univ. Carolinae **48** (2007), 81–101.
- [3] Flaška V., Kepka T., *Commutative zeropotent semigroups*, Acta Univ. Carolinae **47** (2006), 3–14.