

Analele Universității București, Matematică  
Anul LVIII (2009), pp. 17-22

## On idempotent units in commutative group rings

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September 24, 2008

**Abstract** - We find a necessary and sufficient condition when each normalized unit in a commutative modular group ring of prime characteristic  $p$  can be decomposed as a  $p$ -torsion unit and an idempotent unit. This somewhat strengthens our recent results from (An. Univ. Bucuresti, Mat., 2005 and 2008) as well as from (Kochi Math. J., 2009).

**Key words and phrases** : idempotent units, normalized units, torsion elements, commutative rings, abelian groups, prime characteristic.

**Mathematics Subject Classification** (2000) : 16S34, 16U60, 20K10, 20K20, 20K21.