Capability of nilpotent products of cyclic groups

J. Group Theory **8** (2005), 431–452.

NOTES AND ERRATA

1. Lemmas 4.2 and 4.3 are both incorrect as stated; because of this, Theorem 4.4 is not justified in this paper, though the result is correct.

   The necessary corrections appear in **Capability of nilpotent products of cyclic groups II**, J. Group Theory **10** (2007), 441–451, Lemmas 2.5 and 2.6, using work of Ward. A correct proof for Theorem 4.4 appears as Theorem 2.7 in this paper.
2. The description of the finite 2-generator p-groups of class 2 for p odd that is quoted in page 447 turns out to be incomplete; the missing groups are not capable, however, so that Theorems 6.1 and 6.2 actually do give all isomorphism types of capable 2-generator p-groups of class 2, with p odd. A correct classification of the two-generator p-groups of class two (for all primes) can be found in Theorem 1.1 of
   - A. Ahmad, A. Magidin, and R.F. Morse, *Two generator p-groups of nilpotency class 2 and their conjugacy classes*, *Publ. Math. Debrecen* **81** (2012), pp. 145–166.

   and a determination of the capable groups using this classification is in
   - A. Magidin and R.F. Morse, *Certain homological functors of 2-generator p-grops of class 2*, in *Computational Group Theory and the Theory of Groups II*, Contemporary Mathematics vol 511, American Mathematical Society, Providence, RI (2010), pp. 127–166.