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Istanbul, Turkey, and **James Shank** (`R.J.Shank@kent.ac.uk`) and **Chris F Woodcock**
(`C.F.Woodcock@kent.ac.uk`). *The Noether numbers for cyclic groups of prime order.* Preliminary
report.

The Noether number of a representation is the largest degree of an element in a minimal generating set for the corresponding ring of invariants. We compute the Noether number for an arbitrary representation of a cyclic group of prime order and as a consequence prove the "2p-3 conjecture". (Received September 15, 2005)