

1084-20-77

**David H Gluck\*** (dgluck@math.wayne.edu), Detroit, MI 48202. *Rational Defect Groups and 2-Rational Characters, II.*

Let  $D$  be a defect group of a 2-block  $B$  of a finite group. We conjecture that if  $D$  is rational and of nilpotence class at most 2, then the values of every character in  $\text{Irr}(B)$  lie in a cyclotomic field  $\mathbf{Q}_m$  for some odd integer  $m$ . We prove the conjecture when  $B$  has maximal defect. (Received August 22, 2012)