1011-06-394

David M. Clark, Brian A. Davey, Jane G. Pitkethly and Ross Willard* (rdwillar@uwaterloo.ca), Pure Math Department, University of Waterloo, Waterloo, Ontario N2L 3G1, Canada. *Nondualizability of finite algebras with a semilattice operation*.

Motivated by a conjecture that a finite algebra is inherently non- κ -dualizable whenever it generates a residually large variety, we verify the conjecture in a large class of finite algebras whose operations include a semilattice operation. (Received August 31, 2005)