1023-08-1355 David M. Clark, Brian A. Davey, Jane G. Pitkethly and Ross D. Willard* (rdwillar@uwaterloo.ca). Full natural dualities.

We answer a long-standing problem in the theory of natural dualities by describing a finite algebra which possesses fully dualizing alter egos that are not strongly dualizing. We also describe the lattice of all fully dualizing alter egos for this algebra up to a natural notion of equivalence. (Received September 25, 2006)