Ralph S Freese* (ralph@math.hawaii.edu), Department of Mathematics, University of Hawaii at Manoa, Honolulu, HI 96822, and Ralph N McKenzie (ralph.n.mckenzie@vanderbilt.edu), Department of Mathematics, Vanderbilt University, Nashville, TN. Maltsev products of congruence permutable varieties.
We have shown that the Maltsev product of two congruence permutable (CP) varieties is 4-permutable. Matthew Valeriote has shown the join of two such varieties is 3-permutable. This leaves open the question: is the Maltsev product of two CP varieties 3 -permutable? While trying to construct an example disproving this, we were able to prove it is true. (Received July 30, 2013)

