1042-03-242   **Clifton F. Ealy*** (`CF-Ealy@wiu.edu`), Dept. of Math, 476 Morgan Hall, Western Illinois University, 1 University Circle, Macomb, IL 61455. *Consistent amalgamation in dependent rosy theories.*

In a rosy theory, thorn forking satisfies all the familiar properties of forking in a simple theory except that it need not (and if the rosy theory is non-simple, cannot) satisfy the Independence Theorem. However, all known natural examples of rosy theories satisfy a weakened version of the Independence Theorem called Consistent Amalgamation. In his thesis, Onshuus showed that Consistent Amalgamation does not hold in all rosy theories. However, it is still seems likely that Consistent Amalgamation holds in all theories that are both dependent and rosy. I will describe recent progress (joint with Onshuus) towards the proof of this conjecture. (Received August 25, 2008)