

1014-34-1044 **M Sambandham*** (msambandham@yahoo.com), Department of Mathematics, Morehouse College, Atlanta, GA 30314, and **Steve Pederson**, Department of Mathematics, Morehouse College, Atlanta, GA 30314. *Numerical Solution to Hybrid Fuzzy Systems*. Preliminary report.

For a hybrid fuzzy differential system we develop various numerical methods. We discuss discretization and convergence of discretization. To illustrate the theory we present a few examples. (Received September 27, 2005)