1056-39-320 **Gerasimos E Ladas*** (`gladas@math.uri.edu`), University of Rhode Island, Department of Mathematics, Lippitt Hall, Kingston, RI 02881-0816. *Open Problems and Conjectures in Difference Equations.* Preliminary report.

We present some open problems and conjectures about some interesting types of difference equations. We are primarily interested in the boundedness nature of solutions, the periodic character of the equation, the global stability behavior of the equilibrium points, and with convergence to periodic solutions including periodic trichotomies. (Received August 28, 2009)