1070-39-172   **Gabriel Lugo*** (`glugo@math.uri.edu`), Department of Mathematics, 5 Lippitt Road, Kingston, RI 02881, and **Frank Palladino**. *Unboundedness Results For Fourth Order Rational Difference Equations.* Preliminary report.

New techniques are presented to exhibit unbounded solutions for a class of rational difference equations. These techniques are of particular relevance for equations of order greater than two. Resolution of conjectures, by Ladas et al., for a class of fourth order rational difference equations will be presented. (Received February 09, 2011)