

Meeting: 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-39-1542 **Carol H Gibbons*** (gibbonsc@salve.edu), 100 Ochre Point Ave., Newport, RI 02840, and
Carol B Overdeep. *On the Trichotomy Behavior of the Difference Equation*
 $x(n+1)=[q(n)x(n)+r(n)x(n-1)]/[1+x(n)], n=1,2,\dots$ Preliminary report.

> We investigate the trichotomy character and the global > asymptotic stability of solutions of the difference equation in the title with period-two parameters with positive values and with positive initial conditions. (Received October 05, 2004)