Kenneth S. Berenhaut (berenhks@wfu.edu), Department of Mathematics, Winston-Salem, NC 27109, and Richard T Guy* (guyrt@wfu.edu), Department of Mathematics, Winston-Salem, NC 27109. The periodic character of some rational difference equations of arbitrary order with truncation. Preliminary report.

In this talk we will consider asymptotic behavior of solutions to a variety of basic rational difference equations involving truncation. Results on periodic character will be presented. Both real and integer inputs will be addressed. (Received September 18, 2007)