1014-39-1693 **Kenneth S Berenhaut** (berenhks@wfu.edu), Department of Mathematics, Wake Forest University, Winston-Salem, NC 27109, **Ying Wai Fan** (yfan@emory.edu), Dept. of Mathematics and Computer Science, Emory University, Atlanta, GA 30322, and **Zachary J Abernathy*** (aberzj2@wfu.edu), Department of Mathematics, Wake Forest University, Winston-Salem, NC 27109. *Bounds for Linear Recurrence Relations with Unbounded Order.*

In this talk we consider linear recurrence relations with unbounded order where the coefficients are restricted to intervals which include zero. The optimal inequalities, under the given constraints, eventually satisfy a second-order structure. (Received September 28, 2005)