1046-39-1579   **Ann Brett*** (`ambrett@verizon.net`), Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *The effect of periodization of parameters in some monotone difference equations.* Preliminary report.

We discuss the effect of periodization of parameter p in difference equations of second order

$$x_{n+1} = f(p, x_n, x_{n-1}), \quad n = 0, 1, \ldots,$$

where f satisfies certain monotonicity conditions. We show that, for some monotonicity conditions, this equation can be reduced to either cooperative or to competitive system of autonomous difference equations in plane. The applications to some basic models in population dynamics are presented. (Received September 16, 2008)