1106-VK-1212 **Yevgeniy Kostrov** and **Zachary A. Kudlak***, Department of Mathematics, Monmouth University, 400 Cedar Ave, West Long Branch, NJ 07764. *On A System of Rational Difference Equations with Nonnegative Periodic Coefficients.* Preliminary report.

In this preliminary report, we investigate the global stability, periodic character, and the boundedness nature of the solutions of several special cases which are contained in the following system of difference equations: $x_{n+1} = \frac{\alpha_n^{(1)}}{B_n^{(1)} x_n + y_n}$, $y_{n+1} = \frac{\alpha_n^{(2)} + \beta_n^{(2)} x_n + \gamma_n^{(2)} y_n}{A_n^{(2)} + B_n^{(2)} x_n + C_n^{(2)} y_n}$, $n \geq 0$, where initial conditions x_0 and y_0 are nonnegative and not both zero, and where the coefficients form nonnegative, periodic sequences such that the denominators are always positive. (Received September 11, 2014)