1070-39-207 **Michael A. Radin*** (michael.radin@rit.edu), Rochester Institute of Technology, School of Mathematical Sciences, 85 Lomb Memorial Drive, Rochester, NY 14623, **Edward Grove** (grove@math.uri.edu), University of Rhode Island, Department of Mathematics, Kingston, RI 02881, **Kostrov Yevgeniy** (ykostrov@xula.edu), Xavier University of Louisiana, 1 Drexel Drive, New Orleans, LA 70125, and **Schultz Stephen**, Providence College, Department of Mathematics, 549 River Avenue, Providence, RI 02918. *On The Global Character of the solutions of the system:* $x_{n+1} = \frac{\alpha_1}{x_n+y_n} y_{n+1} = \frac{\alpha_2+y_n}{B_2 x_n+y_n}$.

We investigate the global stability and the boundedness character of solutions of the system of rational difference equations:

$$\begin{cases} x_{n+1} = \frac{\alpha_1}{x_n+y_n} \\ \\ y_{n+1} = \frac{\alpha_2+y_n}{B_2 x_n+y_n} \end{cases} \qquad n = 0, 1, \dots ,$$

with positive parameters and positive initial conditions. (Received February 11, 2011)