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Global behavior of solutions of a rational first order system of difference equations in the plane.

We discuss global behavior of solutions of the system of difference equations

$$\begin{cases} x_{n+1} = \frac{b_1 x_n + h_1}{1 + x_n + c_1 y_n} \\ y_{n+1} = \frac{b_2 y_n + h_2}{1 + y_n + c_2 x_n} \end{cases}$$

with nonnegative initial conditions and positive parameters. (Received January 22, 2008)