1035-39-1324   **Sukanya Basu*** (`sukanya@math.uri.edu`), Department of Mathematics, 9 Greenhouse Road, Suite 3, Kingston, RI 02881. *Global Attractivity of the Positive Equilibrium of* $x_{n+1} = \frac{\alpha+\beta x_n+\gamma x_{n-1}}{A+B x_n+C x_{n-1}}$ *with positive parameters in the Non-Hyperbolic Case.*

We prove that the positive equilibrium of the second order rational difference equation

$$x_{n+1} = \frac{\alpha + \beta\,x_n + \gamma\,x_{n-1}}{A + B\,x_n + C\,x_{n-1}}, \quad n = 0, 1, ... \tag{1}$$

is a global attractor in the non-hyperbolic case when the parameters α, β, γ, A, B and C are positive and initial conditions x_{-1}, x_0 are nonnegative. (Received September 19, 2007)