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Carol H Gibbons, Senada Kalabusic and Carol B Overdeep* (coverdeep@stmartin.edu),
5000 Abbey Way SE, Lacey, WA 98503. *More results on the trichotomy character of a
second-order rational difference equation with period-two coefficients.*

We extend the known results of $x_{n+1} = \frac{\beta_n x_n + \gamma_n x_{n-1}}{A_n + B_n x_n}$ to the situation where (i) the parameters β_n , γ_n , A_n , and B_n are period-two sequences of nonnegative real numbers with γ_n not identically zero and $A_n + B_n \neq 0$; and (ii) the initial conditions x_{-1} and x_0 are such that $x_{-1}, x_0 \in [0, \infty)$ and $x_{-1} + x_0 \in (0, \infty)$. (Received September 15, 2015)