1046-39-1601   **Senada Kalabusic*** (`senadak@yahoo.com`), Department of Mathematics, University of Rhode Island, Kingston, RI 02881, and **Nurkanovic Mehmed** (`nurkanm@yahoo.com`), University of Tuzla, Tuzla, Bosnia-Herzegovina. *On the Dynamics of $x_{n+1} = p_n + \dfrac{x_{n-1}}{x_{n-2}}, \quad n = 0, 1, ...$*
with a Period-2 and Period-3 Coefficient.

We investigate the periodic nature, the boundedness character, and the global asymptotic stability of solutions of the difference equation

$$x_{n+1} = p_n + \frac{x_{n-1}}{x_{n-2}}, \quad n = 0, 1, 2, ...,$$

where the sequence p_n is periodic with period $k \in \{2, 3\}$ with positive terms and positive initial conditions. (Received September 16, 2008)

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