1077-39-301 **Mustafa R. S. Kulenovic*** (mkulenovic@mail.uri.edu), Department of Mathematics, The University of Rhode Island, Kingston, RI 02881, and **Orlando Merino** and **Mehmed Nurkanovic**, Tuzla, Bosnia-Herzegovina. *Global Dynamics of Certain Competitive System in the Plane.*

The competitive system of difference equations

$$x_{n+1} = \frac{a + x_n}{b + y_n}, \quad y_{n+1} = \frac{d + y_n}{e + x_n}, \quad n = 0, 1, \ldots$$

where the parameters a, b, c and d are positive real numbers, and the initial conditions x_0 and y_0 are nonnegative real numbers is considered.

A complete classification of all possible dynamical behavior scenarios according to all different parameter configurations is obtained. (Received August 19, 2011)