1077-39-794 **E** Grove, G Ladas, E Lapierre^{*} (evelina@cox.net) and W Tikjha. The Global Characteristics of a Family of Systems of Piecewise Linear Difference Equations.

We give a detailed analysis, complete with open problems and conjectures, of the global character of the solutions of the piecewise linear difference equations

$$\begin{cases} x_{n+1} = |x_n| + ay_n + b \\ & , n = 0, 1, \dots \\ y_{n+1} = x_n + c|y_n| + d \end{cases}$$

where the initial condition $(x_0, y_0) \in \mathbf{R}^2$ and the parameters $a, b, c, d \in \{-1, 0, 1\}$. (Received September 12, 2011)