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Evelina Lapiere* (elapiere@jwu.edu), **Wirot Tikjha** and **Ed Grove**. *Systems of related of piecewise linear difference equations.*

For the last three years Wirot Tikjha, Ed Grove and myself have been working on the following family of 81 systems of piecewise linear difference equations: $X_{n+1} = X_n + a|Y_n| + b$ and $Y_{n+1} = |X_n| + cY_n + d$, where a, b, c and d take on the values $-1, 0$ or 1 and (X_0, Y_0) is an element of R^2 . I will share some of our results, conjectures and open problems. (Received August 18, 2013)