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Michael Alexander Radin* (michael.a.radin@gmail.com), Rochester Institute of Technology, College of Science, School of Mathematical Sciences, Rochester, NY 14623. *Periodic and Eventually Periodic Solutions and Patterns of Transient Terms of Max-Type Difference Equations*. Preliminary report.

Our first aim is to detect the patterns of periodic and eventually periodic solutions of Max-Type Difference Equations. Our second aim is to determine the existence of patterns of transient terms and how many transient terms to expect. We will show graphical examples of transient terms as descending triangular-shapes or as step-shapes. In addition, we will trace the transient terms' existence on specific intervals. (Received September 03, 2020)