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Judy A Holdener* (holdenerj@kenyon.edu), 307 Hayes Hall, Kenyon College, Gambier, OH 80302, and **Jun Ma**. *When Thue-Morse meets Koch*.

Using turtle geometry and polygon maps, the Thue-Morse sequence is realized as a limit of polygonal curves in the plane. This sequence of curves converges to the Koch Snowflake in the Hausdorff metric. The Thue-Morse sequence is then generalized to obtain other sequences that encode curves converging to the Koch Snowflake. (Received June 21, 2005)