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Michel L. Lapidus (lapidus@math.ucr.edu), 900 Big Springs Rd., Surge Building, Department of Mathematics, Riverside, CA 92521, **Robyn L. Miller** (rmiller@mrn.org), The MIND Research Network, Albuquerque, NM 87131, and **Robert G. Niemeyer*** (niemeyer@math.unm.edu), University of New Mexico, 311 Terrace NE MSC01 1115, Science and Math Learning Center, Albuquerque, NM 87131. *Result results on the T-fractal billiard.*

We present our latest results on orbits of the T-fractal billiard table. We survey some known results on the T-fractal billiard before presenting an example of an orbit with an irrational slope that 1) converges to a rational elusive point and 2) does so in a way that is consistent with how a nontrivial path in a rational direction is constructed. Other recent results will be presented. (Received October 18, 2014)