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Anne M. Burns* (aburns@liu.edu), Department of Mathematics, Long Island University, C.W. Post Campus, Brookville, NY 11548. *Kaleidoscopes and Other Reflections*. Preliminary report.

A seemingly infinite number of designs unfold, one after another in rapid succession. Changes in color, transparency and other parameters are used to animate kaleidoscopes, circle inversions and iterated function systems. (Received August 31, 2007)