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Saber Elaydi* (selaydi@trinity.edu), 18806 Cierra sur, San Antonio, TX. *On the evolutionary dynamics of discrete-time models*. Preliminary report.

In this talk, we will investigate the dynamics of discrete-time evolutionary models of populations. In particular, we will conduct stability analysis, both local and global, using tools from non-autonomous discrete dynamical systems. (Received September 25, 2018)