1044-39-119   **Saber N Elaydi*** (`selaydi@trinity.edu`), One Trinity Place, San Antonio, TX 78212.
Periodically forced models with Allee effect. Preliminary report.

We will investigate the dynamics of periodically forced models with Allee effect. In particular, the focus will be on a new model with Allee effect which includes both Beverton-Holt and ricker models. An interesting example will be presented where the model exhibits both attenuance and resonance phenomena depending on the value of the parameter. (Received August 27, 2008)