1086-39-1009   **Sinan Kapcak*** (`skapcak@trinity.edu`), One Trinity Place, Department of Mathematics, Trinity University, San Antonio, TX 78212, and **Saber Elaydi** and **Unal Ufuktepe**. *Stability and invariant manifolds of a discrete host-parasitoid model.* Preliminary report.

We will investigate the stability and invariant manifolds of a discrete hostparasitoid model. The model is a generalized Beddington-Nicholson-Bailey model. (Received September 17, 2012)