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Eddy A Kwessi* (ekwessi@trinity.edu), San Antonio, TX 78212, **Saber N Elaydi**, San Antonio, and **Brian Dennis** and **George Livadiodis**. *Non-Standard Discretization of Models with the Allee Effect*. Preliminary report.

In this talk, we will apply the non-standard discretization technique to continuous models in ecology and epidemiology. In particular, we focus our attention on the discretization of multi-species models with and without the Allee effect. (Received September 14, 2016)