1163-91-97 **Joseph A Balderas** (`joseph.balderas@students.tamuk.edu`) and **Aden O Ahmed***
(`aden.ahmed@tamuk.edu`). *Linear Programming Solutions of Finite, Noncooperative, Two Player Games.* Preliminary report.

In this talk, we present a Maple package that computes all the pure and mixed Nash equilibria of finite bimatrix games with real entries. The Maple package comprises two procedures: when a finite bimatrix is prompted by the user, one procedure outputs the pure and mixed Nash equilibria of the game and the other procedure takes in these equilibria as inputs and outputs the payoffs to the players. (Received August 13, 2020)