

1154-05-431 **Christina Eubanks-Turner** (ceturner@lmu.edu) and **Aihua Li*** (lia@montclair.edu), 1
Normal Avenue, Montclair, NJ 07044. *Interlace Polynomials of Friendship Graphs.*

In this presentation, properties of the interlace polynomials of friendship graphs and related butterfly graphs are provided. Friendship graphs are graphs that satisfy the Friendship Theorem given by Erdos, Renyi and Sos. An application of such polynomials in analyzing the adjacency matrixes of the ground graphs is given. (Received September 04, 2019)