



MATH TALKS 2018 – 2019

Friday, March 1, 2019

SPEAKER: Jonathan Lewin, Kennesaw State University

TITLE: *“Trig Graphs and Music”*

ABSTRACT: [Link to pdf abstract](#)

Friday, April 19, 2019

SPEAKER: Jeff Berman, Kennesaw State University

TITLE: *“The Second Derivative Test for functions $f(x, y)$ ”*

ABSTRACT: The condition that a function $f(x, y)$ has a local minimum or maximum at a critical point (x_0, y_0) (where the tangent plane is parallel to the xy -plane) is equivalent to the product of the minimum and maximum values of the second (directional) derivative being positive.