80217, Sogol Jahanbekam* (sogol.jahanbekam@ucdenver.edu), CO , and Brent Thomas. Chromatic number of squares of planar graphs.
In 1977 Wegner conjectured that the square of any subcubic planar graph is 7 -colorable. In this talk we use discharging method and computations to give a proof to this conjecture. (Received February 13, 2016)

