1145-VM-1587 **Gabriel Prajitura***, 350 New Campus Drive, Brockport, 14420. *Extending the Gauss - Lucas Theorem.* Preliminary report.

Gauss - Lucas Theorem states that the roots of the derivative of a polynomial lie within the convex hull of the roots of the polynomial. We will discuss what can happen when we divide the convex hull into polygons. (Received September 23, 2018)