1117-05-405 **Bing Wei*** (bwei@olemiss.edu), Department of Mathematics, University of Mississippi, University, MS 38677. *Multiplicative Zagreb indices of Cactus graphs.*

A graph is a **cactus** if it is connected and all of its blocks are either edges or cycles, i.e., any two of its blocks have at most one common vertex. The first **generalized** and second **Multiplicative Zagreb indices** of graph $G = (V, E)$ are defined as follows: for any real number $c > 0$, $\prod_{1,c}(G) = \prod_{v \in V(G)} d(v)^c$; and $\prod_2(G) = \prod_{uv \in E(G)} d(u)d(v) = \prod_{v \in V(G)} d(v)^{d(v)}$. In this talk, we will present some recent results on the upper and lower bounds of the first generalized and second multiplicative Zagreb indices for cacti. Using the degree sequences, we will also characterize cacti which attain the upper or lower bounds. This is joint work with Shaohui Wang. (Received January 18, 2016)