1068-05-35 **Ralph J. Faudree**, **Ronald J. Gould*** (rg@mathcs.emory.edu) and **Michael S. Jacobson**.
Minimum Degree and Disjoint Cycles in Claw-free Graphs.

A graph is claw-free if it does not contain an induced subgraph isomorphic to $K_{1,3}$. Cycles in claw-free graphs have been well studied. Here we extend results on disjoint cycles in claw-free graphs satisfying certain minimum degree conditions. In particular, we prove that if G is claw-free of sufficiently large order $n = 3k$ with $\delta(G) \geq n/2$, then G contains k disjoint triangles. (Received December 28, 2010)