1089-05-103 **H Kierstead**, **A Kostochka** and **E Yeager***, 1409 W Green St, Urbana, IL 61801. *A Refinement of the Corrádi-Hajnal Theorem.*

In 1963, Corrádi and Hajnal proved the following theorem:

If G is a graph with at least $3k$ vertices and minimum degree at least $2k$, then G contains k vertex-disjoint cycles.

We present a refinement:

Let k be at least 4. If G is a graph with at least $3k+1$ vertices, minimum degree-sum at least $4k-3$, and independence number at most $|V(G)|-2k$, then G contains k vertex-disjoint cycles. (Received February 14, 2013)