1035-05-1290 **Anna Blasiak** and **John Roger Schmitt*** (jschmitt@middlebury.edu), Mathematics Department, Middlebury College, Middlebury, VT 05753. *Degree sum conditions in graph pebbling.*

Given a graph $G$ on $n$ vertices and a distribution, $D$, of pebbles on the vertices of $G$, we define a *pebbling move* to be the removal of two pebbles from a given vertex and the placement of one on an adjacent vertex. If $D$ has $n$ pebbles and if after a sequence of pebbling moves we can place a pebble on any specified vertex then we call $G$ Class 0. We give a sufficient degree sum condition for $G$ to be Class 0. (Received September 19, 2007)