1116-VF-2846   **Nándor Sieben*** (`nandor.sieben@nau.edu`). *The t-pebbling number of a path of graphs.* Preliminary report.

Given a distribution of pebbles on the vertices of a connected graph, a pebbling move removes two pebbles at a vertex and places one pebble at an adjacent vertex. One pebble is the cost of transportation. A vertex is t-reachable if at least t pebbles can be moved to the vertex using pebbling moves. The t-pebbling number of a graph is the minimum number of pebbles that ensures that any vertex is t-reachable from any initial distribution of the pebbles. A path of graphs is a path in which every vertex is replaced by a graph, and new vertices replacing old adjacent vertices are joined by edges. We determine the t-pebbling number of a path of graphs. (Received September 22, 2015)