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**Natacha C. Fontes-Merz\*** (fontesnc@westminster.edu), **Jeffrey T. Boerner** (boernej@westminster.edu) and **James Anthony** (anthonj@westminster.edu). *Adding Edges to Graphs and its Effect on the Pebbling Number*. Preliminary report.

In this talk we discuss graphs whose pebbling number remains unchanged when an edge is added between nonadjacent vertices. We will give examples of constant graphs, i.e. graphs in which the addition of some edge does not change the pebbling number, and examples of pure constant graphs, graphs in which the addition of any edge does not change the pebbling number. We determine which trees are constant and we present a class of trees which are pure constant. (Received September 25, 2012)