1014-05-781   **Ji Young Choi*** (`jychoi@ship.edu`), 1871 Old Main, Shippensburg, PA 17257. *Generating functions for the alternative multi-restricted numbers.* Preliminary report.

The number of permutations of a set with a given number of nontrivial cycles with restricted length is defined as *the alternative multi-restricted numbers of the first kind*, which can be extended to *the Stirling numbers of the first kind* by disregarding the restriction on the length of each cycle. In this talk, a generating function for the alternative multi-restricted numbers of the first kind will be introduced, and its correlation with the generating function for the original multi-restricted numbers of the first kind will be examined. (Received September 23, 2005)