Meeting: 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-05-1001 **Ji Young Choi*** (jychoi@ship.edu), Dept of Math, Shippensburg University, Shippensburg, PA 17257. *Alternative multi-restricted numbers.* Preliminary report.

The alternative multi-restricted numbers of the first kind are defined to satisfy the regular sign behavior and interpret the Stirling numbers of the first kind. The numbers are shown to satisfy a three-term recurrence relation and the combinatorial proof for this relation is presented. The alternative multi-restricted numbers of the second kind are obtained by inverting the matrix of the multi-restricted numbers of the first kind. (Received October 01, 2004)