

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

1003-05-827 **Sharon L. Sullivan*** (sulsulliv@catawba.edu), Catawba College, 2300 West Innes Street,
Mathematics Department, Salisbury, NC 28144. *Constructing Extension Configurations from v_k*
Configurations.

Suppose we have two configurations, (v', k', λ') and v_k where there are certain conditions on v, k, v', k', λ' . In this talk, we will show how to use particular bijections to construct an extension configuration from these two types of configurations. The algorithm will be demonstrated by constructing a particular $(16,6,2)$ configuration from an 8_4 and a $(4,1,0)$. (Received September 30, 2004)