962-57-1206 **Cynthia L McCabe*** (cmccabe@uwsp.edu), Department of Mathematics and Computing, University of Wisconsin - Stevens Point, Stevens Point, WI 54481-3897. *Constructing Algebraic Links for Low Edge Numbers.*

A method is given for economically constructing any algebraic (also called arborescent) knot or link K. This construction, which involves tree diagrams, gives a new upper bound for the edge number of K that is proven to be at most twice the crossing number of K. Furthermore, it realizes a minimal-crossing projection of K. (Received October 02, 2000)