

**Meeting:** 1001, Evanston, Illinois, SS 21A, Special Session on Low-dimensional Topology and Kleinian Groups

1001-57-31            **Thomas Fleming\*** (tfleming@math.ucsd.edu), 9500 Gilman Dr., La Jolla, CA 92093-0112.

*Intrinsically Linked Graphs with Knotted Components.* Preliminary report.

In 1983, Conway and Gordon proved that every embedding of  $K_6$  (the complete graph on six vertices) into the three sphere contains two disjoint cycles that form a non-split two component link.

We will construct a graph  $G$  such that any embedding of  $G$  into the three sphere contains two disjoint cycles that form a non-split link, where at least one of these two cycles is a nontrivial knot. (Received July 05, 2004)