1155-05-457 **Chris Stephens** and **Dong Ye***, Department of Mathematical Sciences, Middle Tennessee State University, Murfreesboro, TN 37132. *Connectivity for kite-linked graphs.*

For a given graph H, a graph G is *H-linked* if, for every injection $\varphi : V(H) \to V(G)$, the graph G contains a subdivision of H with $\varphi(v)$ corresponding to v, for each $v \in V(H)$. Let $f(H)$ be the minimum integer k such that every k-connected graph is H-linked. Among graphs H with at least four vertices, the exact value $f(H)$ is only know when H is a path with four vertices or a cycle with four vertices. A *kite* is graph obtained from K_4 by deleting two adjacent edges, i.e., a triangle together with a pendant edge. Recently, Liu, Rolek and Yu proved that every 8-connected graph is kite-linked. The exact value of $f(H)$ when H is the kite remains open. In this talk, we present a recent result which settles this problem by proving that every 7-connected graph is kite-linked. (Received January 20, 2020)