1154-05-1998   **Ruth Luo***, Department of Mathematics, University of California, San Diego (UCSD), 9500 Gilman Drive # 0112, La Jolla, CA 92093, and **Zoltan Furedi**. *Induced Turán problems for hypergraphs.*

Let F be a graph. We say that a hypergraph $\mathcal{H}$ is an induced Berge F if there exists a bijective mapping f from the edges of F to the hyperedges of $\mathcal{H}$ such that for all $xy \in E(F)$, $f(xy) \cap V(F) = \{x, y\}$.

In this talk, we show asymptotics for the maximum number of edges in r-uniform hypergraphs with no induced Berge F. In particular, this function is strongly related to the generalized Turán function $ex(n, K_r, F)$, i.e., the maximumm number of cliques of size r in n-vertex, F-free graphs. (Received September 17, 2019)