1011-05-83 **Yoshiharu Kohayakawa**, **Vojtech Rödl**, **Mathias Schacht**, **Papa Amar Sissokho** and **Jozef Skokan*** (jozef@member.ams.org). *Generalized Turán Theorem.*

For two graphs G and H we denote by $\mathrm{ex}(G, H)$ the maximum number of edges in a subgraph of G that does not contain H. When G is the complete graph on n vertices we obtain the Turán number $\mathrm{ex}(n, H)$ whose value is asymptotically given by Erdős-Stone-Simonovits theorem. In this talk we will review results and present some new ones for the case when G is not the complete graph. (Received August 15, 2005)