Note Title $ex(c+1, \tilde{F}) > ex(c, \tilde{F})$ $\chi(F) = 3$ If not .--. ex(c,F $ex(n,F) = ex(n,K_r) + ex(n,F) \in$ r=X(F) F = { | | | | | | ex(n,F)=1 X(F)=1=3 F= { ! ! } 1111 e.g F= $ex(n,\widetilde{F}) = n-1$ Non-induced GI, GZI, I, G = G E(Gi) NE(Gi) is margle- free $\sum_{i=1}^{n} e(G_i) \leqslant \binom{n}{2} + (n-1) \lfloor \frac{n^2}{4} \rfloor$ M= 2: complicated MMMM $|E(G_1 \cap G_2)| \leq \lfloor \frac{n^2}{4} \rfloor$ e((,)+e(6,) = 2e(6,06)+ e(6,06) E(G, GG2) V $\leq 2 \left[\frac{n^2}{4} \right] + \left(\frac{n}{2} \right) - \left[\frac{n^2}{4} \right]$ = $\binom{n}{2}$ + $\binom{n^2}{4}$ m = 3 $(2\cdot3^{\binom{N_3}{2}})^2$ $3\binom{n_{13}}{2} + 2 \binom{n}{2} - 3\binom{n_{13}}{2}$ $= n(n-1) - 3 \binom{n}{2} + 2 \lfloor n^{2}/4 \rfloor$

