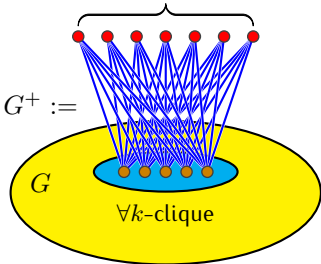


if $G \in \mathcal{X}_{k-1,c}$ then

$$k(c-1) + 1$$



is in $\mathcal{X}_{k,c}$