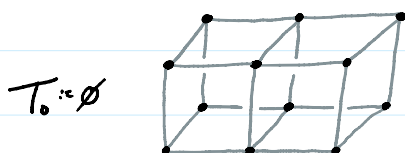
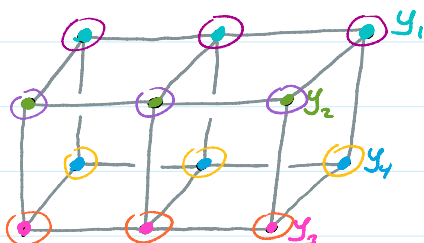


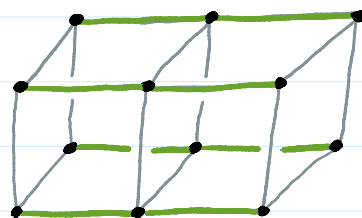
Worst to constant forests $T_0 \subseteq T_1 \subseteq T_2 \subseteq T_3 \subseteq G$ s.t. connected components of T_n are K_n -blocks.



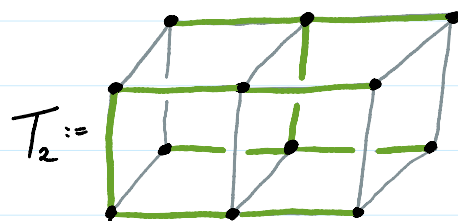
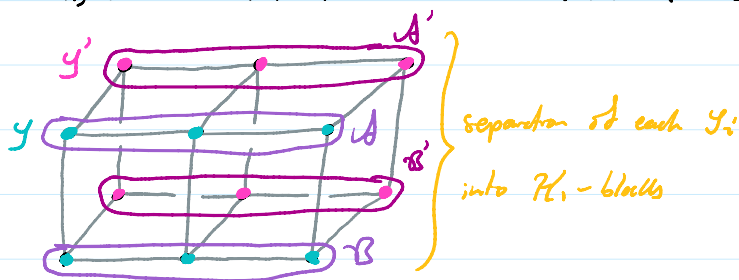
Given T_0 , let $Y \in X/K_1$, where $K_1 := K_1 \cup K_2$. K_0 is nested, so each Y/K_0 (which is $\cong Y$ since each $(K_0\text{-block}) \cap Y$ are singletons) is a tree, which looks like $\bullet - \bullet - \bullet$.



$T_1 :=$



Given T_1 , let $Y \in X/K_2$. Each Y/K_1 is a tree (looks like \bullet where each $\bullet = \{\bullet - \bullet - \bullet\}$)



Given T_2 . $K_2^* = \emptyset$, so $X/K_2 = \{X\}$, so $Y = X$.

