Schrey HUT 1) Start with a conrectal components without any alges 2) Pick on cler and meige to amounts
components, Reducing the number of congressel
components of 1. No othe colors exist between
the two comproses. 3) does this exactle n-k times and you are lott with a graph with n-k edges, n vetices, and K connocal companions Solo Suppese not that I n H is not contained in some MST of H. This means that there is an edge in H MST that is lighter in I n H and H is a subject in that is lighter in I n H and H is a subject in G. If that edge is in G. It would direct that lighter cross edge as it would direct that lighter cross edge of this creating a contridiction that edge would not be in T as stwill appear in the set To H.

5.16 a Suppose Not that a frequency more than 2/8 cannot mp a celebral of the language of the child of the root rade. The graph of the energy until look like: In Order to the 7 15 selected where they so that means it must the five land traggery discriptive Hoffman aneading we can select When we have then add two the two lect childrens Aml B, we get

In coder to the 7 % in when it it at in the tree, the value of B must be greater than % to not get prized with ar frequencies that in law than % from them to per prized with cresh other and ar highest together greater that % Then we all them together are according to HARper engaling all get A al Braker 7 % Then when allow & al B tegether we ge a control of that I's counted have a color Then when allow A of the length of los of a net possible.

Have norm greater than I breaks Hoffman anding the features. This proving that having a Regreecy greater than 25 there is a coolered that will have the length of ? (6)

Suppose not that all characters over with the property loss than 13, then is a calquele of I. The thee would be set up like whom I have the element loss than a 13 and colors with sum of A with weights of other reds with the frequency loss than 3. address them together octas the sum of I This is a contribution to since the sum of all weights should be 1.