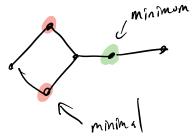
Det A Vertex out in agraph 6 is a subset ScV(6) such that 6-S is disconnected.

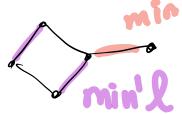
Del An edge ast magraph & is a subset TCE(or) such that G-T is disconnected.

Det A minimal vertex cut is a vertex cut ScV(G)
such that no proper subset S' & S is a untexcut

Del A minimum when who is a when cut SCV(or)
such that #151 is as small as passible



Smilarly, can define minimal tominimum edge outs



K(6) = "the earnestmily of G"

else

the size of a minimum vertex wt K(G)=n-1

160) = " He edge connectority of 6"
= He size of a nominer edge cut.

K(G) 7/2 = G cannoted = XG) 7/1
K(G) 7/2 = G is non separable

Det We say G is k-connected if k(G) > k

Romindo S(G) = He min dyne of any when m G D(G) = He man dyne - - -



K(G) = 3

il G is not complete then I some wrtex cot.