or use ac more straight forward core number by edge edilitin c [[e, ek]] core number after adding ([e, ek]) euse set until i as E'(1:i). Given graph G, edge 184 E=[e1, e4, -- ek] a promoting mode set of P= [en, e-epk]. is Orosp fiching intil C(E'[: Pi)= P(E[: P1-1]) [, Pi c Pi+1, i=1---k-1 - (se epis) = adding Pi does change core number. 2. for each i'= 1. K- adding BER... epil and lei ... 3.  $C(E[I:P]) \neq C(E[I:P]-P) \in adding P changes core.$ AFFE promoting edge set Given Pb an- [eps. .. eps) and Q= seq. ... eqil and Pk < qu. . & @ P promits earlier than Q ove say Q is dependent on P if. c(F(1:91) - DP) + c(F(1:91)). Dependency among edge ser nanoving. Paddelts QP promoting nodes ((E[1:91])-((E[1:9-1]) + ((E[1:91]-P)-((E(1:90-P) △(E[1: 8], E[1:9,-1)) ac by Q F D(E(1:21)-P), E(1:21-1)-P)) And for to capture of AC by & mithour p