

anatorices differ only by pesianutate of sions & columns (excharging \$ / intesicharging) · Rank of an incluence materix food a grouph & = Rank of & on- Sn-1, if B1 is connected In-k, if " " disconnected · If we sumove any I show of inclidence materix, A(G) beams induced incidence matorix Aq where Az => (n-1) xe The vesitex cosisies ponding to that delited sion is called regitex. Ag is always a squase materix of pordes (n-1) xe - will be = (n-1) x (n-1) The values of A(G1) one either 0 on 1 & hence it is known as (0-1) materix / binasy materix, 1 in ACGO indicates an edge i incident on vesitex i 2 Rence et is also known as Vesitex - edge incident materix