



Date: / / The 2 gaple G11 = are isomorphic G12 = Sworm 34 2 graphs are iromorphic iff their incidence matrice differ only by permutation of now ? To edumas (interchanging) . Rank of can incidence makix = Rank of G = n-1 R = { n - 1 , if G is commerced on the if G is disconnected . If we senerce any I sow of the incidence matrix ACO becomes & reduced incidence matrix, Af uduse AL => (n-1)xe. The some weeker commending to that deleted row in called selective verter. He is always a square mother of order (n-1) x e - will be a -bee $= (n-1) \times (m-1)$

