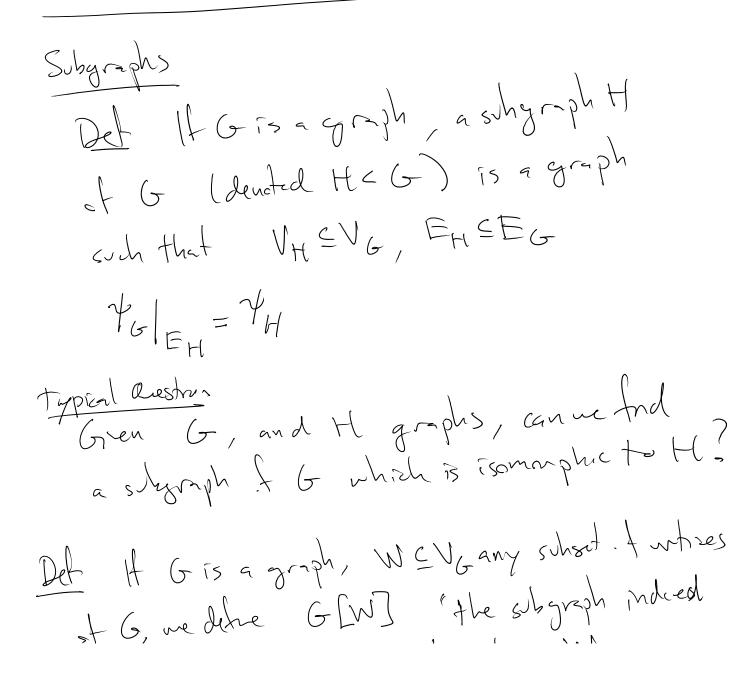
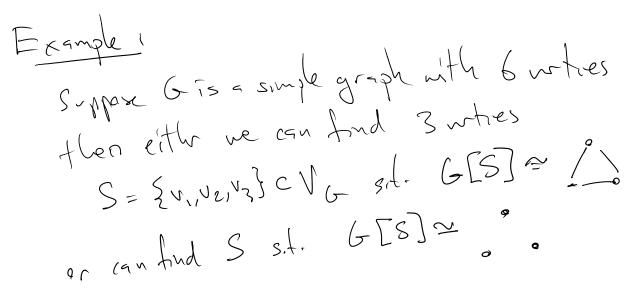
Man -# edges not same if they are isomorphiz, the isomorphism f: G - H would have FEIEG ==> Erigive a bijector hetmen edges. not isomo-plic since some where goes to v ty: VG->VH, and each where in G is incident to at least 1 edge. this edge via FEIEG-SEH wold have have to map an edge incident to v, but there aven't any!

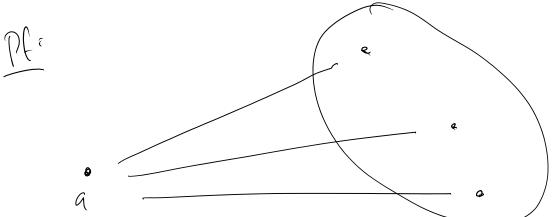
, Prove that gree is preserved by Domaphisms

» lemma: isomophisms presence adjacency.



by
$$W''$$
 to be though w' writes W''
i.e. $V_{GEWJ} = W & adyes$
 $E_{GEWJ} = \frac{2eeE_G}{4_G(e)} \leq W_J^2$
 $V_{GEWJ} = \frac{1}{6} |_{GEWJ}$.





P

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