Problem (1), P. 29 S3 is e, (12), (13), (23) (123), (132) 6 members. These are also members of S4. They form a subgroup of S4. Sz is not un inventant support some it does not contain all dass malers of the dass containing (12), (e.g. (14)), not of the duss contumy (123), (0.9., (124)). Conjugate subgroups are: 53: 0, (12) (14) (24) (124) (142) 5'': e, (13)(14), (34), (134), (143)53: e, (23), (24), (34), (234), (243) 52 is e, (12) Conjuger subgroups Sz'; e, (13) Sz'; e, (2,4)  $S_{2}^{"}$ ; e, (14)  $S_{2}^{""}$ ; e, (34)  $S_{2}^{""}$ ; e, (23)