

**FINITE GROUPS
HAVING NONNORMAL T.I. SUBGROUPS**

M.YASİR KIZMAZ

ABSTRACT. The structure of a finite group G having a nonnormal T.I. subgroup H which is also a Hall π -subgroup is studied. As a generalization of a result due to Gow, we prove that H is a Frobenius complement whenever G is π -separable. This is achieved by obtaining the fact that Hall T.I. subgroups are conjugate in a finite group. We also prove two theorems about normal complements one of which generalizes a classical result of Frobenius.