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Say that the pair  $(G,H)$  satisfies property  $(*)$  if  $H$  is a subgroup of  $G$  and every non-principal irreducible character of  $H$  induces to a sum of irreducible characters of  $G$  all having the same degree. It is easy to see that if  $(G,H)$  satisfies  $(*)$  then  $H$  either contains  $G'$  (commutator subgroup of  $G$ ) or else is contained in  $G'$ . Moreover, if  $H$  contains  $G'$  then  $(G,H)$  always satisfies  $(*)$ .

The case of interest then occurs when  $(G,H)$  satisfies  $(*)$  where  $H$  is properly included in  $G'$ . We are able to show, among other things, that  $H$  is necessarily solvable when its normal closure in  $G$  is proper in  $G'$ . (Received September 09, 2010)