FUZZY SYMMETRIC GROUPS AND ITS APPLICATIONS IN CHEMISTRY

W.B.Vasantha Kandasamy and D. Meiyappan

The object of this paper is to find some of the applications of fuzzy symmetric subgroup and conjugate fuzzy subgroup (of a group) in Sterogenic Pairing Equilibria between skeletal analogs. We study some of the properties of conjugate fuzzy subgroups of a group, introduced by N.P. Mukherjee and P. Bhattacharya in 1986. Mainly we prove that the conjugate fuzzy subgroups of a group have same order. Jin Bai Kim and Kyu Hyuck Choi in 1995 introduced the concepts of fuzzy symmetric subgroups and proved some of their properties. Using these results of fuzzy symmetric subgroups and conjugate fuzzy subgroups we analyse chemical chirality of molecules.