

ON BI-COSET (DI)GRAPHS AND THEIR AUTOMORPHISM GROUPS

Gregory Robson

University of Primorska, Slovenia

Bi-coset graphs, which were originally defined by Du and Xu in 2000, completely characterize all semi-transitive graphs and can be viewed as generalizations of Haar (di)graphs (sometimes called bi-Cayley (di)graphs). In this talk, we will find strong constraints on the automorphism groups of bi-coset graphs and digraphs.