

1096-20-987

**Yan-Quan Feng\*** (yqfeng@bjtu.edu.cn), Department of Mathematics, Beijing Jiaotong University, Beijing, 100044, Peoples Rep of China. *Graph symmetry and regular covering.*

Symmetries of a graph are measured by automorphisms of the graph, and regular covering of a graph was systematically investigated by Gross and Tucker in [Topological Graph Theory, John Wiley and Sons, 1987]. In this report, we talk about automorphisms of regular covers of a graph and their application to classification of arc-transitive graphs. (Received September 12, 2013)