

PERFORMANCE ANALYSIS ON CONNECTIVITY STRUCTURE OF REGULAR GRAPHS FOR ISOMORPHISM

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Abstract

Present paper deals with problems of connectivity structure of isomorphic graphs for regular graphs. Keeping in view the vital role of isomorphic graphs in applied Mathematics, Computer Science and Management and particularly in Graphics and Designing, some useful theorems relevant to isomorphism property of regular graphs have been developed with sufficient number of illustrative examples.

Key Words : Incidence property, Isomorphic graphs, k-regular graphs and Adjacency matrix etc.

AMS Subject Classification (2000) : 05C78, 05C99.