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SCHULTZ INDICES AND THEIR POLYNOMIALS OF MYCIELSKIAN GRAPHS

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Abstract: Topological indices are studied extensively due to its vibrant applicability in the field of chemical graph theory. These connectivity indices(topological indices) is a numerical value resulting in an unequivocal process based on the structure of graph. Numerous topological indices are classified based on their distance and degree. The Schultz and modified Schultz indices considered in this paper have been expansively studied by various authors on different types of graphs. In this paper, we established the results on Schultz, modified Schultz indices and their polynomials for mycielskian graphs.

Keywords and Phrases: Mycielskian graph, Schultz indices, Schultz polynomials.

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