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THE CROSSING NUMBER OF JOIN OF THE GENERALIZED PETERSEN GRAPH $P(3,1)$ WITH PATH AND CYCLE [1]

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Abstract

There are only few results concerning the crossing numbers of join of some graphs. In this paper, the crossing numbers of join products for the generalized Petersen graph $P(3,1)$ with n isolated vertices as well as with the path P_n on n vertices and with the cycle C_n are determined.

Keywords: crossing number, drawing, join product, generalized Petersen graph.

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