

The crossing number of $P_5^2 \times P_n$

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ABSTRACT.

There are known several exact results concerning crossing numbers of Cartesian products of two graphs. In the paper, we extend these results by giving the crossing number of the Cartesian product $P_5^2 \times P_n$, where P_n is the path of length n and P_5^2 is the second power of P_n .

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