

[Ortiz, Juan](#); [Zemke, Andrew](#); [King, Hala](#); [Narayan, Darren](#); [Horňák, Mirko](#)

**Minimal  $k$ -rankings for prism graphs.** (English) [Zbl 1221.05159](#)

*Involvement* 3, No. 2, 183-190 (2010).

Summary: We determine rank numbers for the prism graph  $P_2 \times C_n$  ( $P_2$  being the connected two-node graph and  $C_n$  a cycle of length  $n$ ) and for the square of an even cycle.

**MSC:**

[05C15](#) Coloring of graphs and hypergraphs

[05C78](#) Graph labelling (graceful graphs, bandwidth, etc.)

[05C69](#) Vertex subsets with special properties (dominating sets, independent sets, cliques, etc.)

[05C35](#) Extremal problems in graph theory

Cited in **4** Documents

**Keywords:**

$k$ -rankings; vertex coloring; prism graphs

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