



Mathematics > Combinatorics

# Domination related parameters in rooted product graphs

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A set  $S$  of vertices of a graph  $G$  is a dominating set in  $G$  if every vertex outside of  $S$  is adjacent to at least one vertex belonging to  $S$ . A domination parameter of  $G$  is related to those sets of vertices of a graph satisfying some domination property together with other conditions on the vertices of  $G$ . Here, we investigate several domination related parameters in rooted product graphs.

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