

# The bounds for spectral radius using product matrix of $G$ graph

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## Abstract

We found a new bound for the spectral radius of  $G$  graph using the product matrix  $P(G) = A(G)D(G)$ , where  $A(G)$  is its adjacency matrix and  $D(G)$  is a diagonal matrix of vertex degree of a  $G$  graph.

## References

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