Kousaka, Taichi
A generalized Ihara zeta function formula for simple graphs with bounded degree. (English)
{Zbl 07611193}
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Summary: We establish a generalized Ihara zeta function formula for simple graphs with bounded degree.
This is a generalization of the formula obtained by G. Chinta et al. [Monatsh. Math. 178, No. 2, 171–190 (2015; {Zbl 1321.05118})] from vertex-transitive graphs.

MSC:
05C50 Graphs and linear algebra (matrices, eigenvalues, etc.)
05C12 Distance in graphs
05C10 Planar graphs; geometric and topological aspects of graph theory
05C40 Connectivity
11M41 Other Dirichlet series and zeta functions

Keywords:
Ihara zeta function; determinant formula; local-spectrum

Full Text: DOI arXiv

References:

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