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Starlike trees with maximum degree 4 are determined by their signless Laplacian spectra.

(English) [Zbl 1205.05151](#)

[Electron. J. Linear Algebra](#) 20, 274-290 (2010).

Summary: A graph is said to be determined by its signless Laplacian spectrum if there is no other non-isomorphic graph with the same spectrum. In this paper, it is shown that each starlike tree with maximum degree 4 is determined by its signless Laplacian spectrum.

MSC:

[05C50](#) Graphs and linear algebra (matrices, eigenvalues, etc.)

[05C05](#) Trees

Cited in **1** Review
Cited in **12** Documents

Keywords:

starlike trees; spectra of graphs; cospectral graphs

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