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ON CAYLEY'S FORMULA FOR COUNTING TREES IN NESTED INTERVAL GRAPHS*

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Abstract. In this paper it is shown that the spectrum of a nested interval graph has a very simple structure. From this result a formula is derived to the number of spanning trees in a nested interval graph; this is a generalization of the Cayley formula.

Key words. Spectrum, Interval graph, Number of spanning trees, Cayley formula.

AMS subject classifications. 15A15, 15F10.

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