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Subgroup separability of graphs of free groups with cyclic edge groups. (English)

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Summary: It is shown that π_1 of a finite graph for free groups with cyclic edge groups is subgroup separable unless π_1 has a non-trivial element g such that $g^n \sim g^m$ with $n \neq \pm m$. It is easy to decide from the presentation if such a conjugacy exists.

AMS subject classification: 05C25;20E26;20F65;57M07