

Raptis, E.; Varsos, D.

On the subgroup separability of the fundamental group of a finite graph of groups. (English)

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The subgroup separability of the fundamental group of a graph of groups over a finite graph, with vertex groups finitely generated torsion-free nilpotent groups and edge groups of finite index in the corresponding vertex groups, is studied, and several equivalent conditions are given. Also, a sufficient condition for the subgroup separability of the above fundamental group is given when the vertex groups are modified to be finitely generated polycyclic-by-finite but now the edge groups are not (necessarily) of finite index in the corresponding vertex groups.

S.-M.Kam (Downsview)

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