

Bled'11 - 7th Slovenian International Conference on Graph Theory

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On hamiltonian paths in 2-generated solvable Cayley digraphs

Content :

Some connected Cayley digraphs on solvable groups do not have hamiltonian paths, but no examples are known on nilpotent groups. The talk will describe some new examples of connected, 2-generated Cayley digraphs on solvable groups that do not have hamiltonian paths, and prove that every connected, 2-generated Cayley digraph on any nilpotent group does have a hamiltonian path.

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