

D ... infinite, loc. finite, transitive

If at least one of the sequences $(R_k^+)_{k \in \mathbb{Z}^+}$, $(R_k^-)_{k \in \mathbb{Z}^-}$ is infinite, then D has exponential growth.

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D/R^+ is a digraph with indegree 1

D/R^- is a digraph with outdegree 1

D ... transitive, loc. finite, connected

- D/R^+ cycle
- chain
- tree with indegree 1