



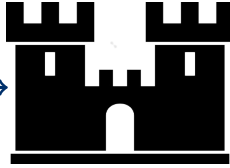
FORT-h 2.1

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FORT-h



property



linear variable-separated

TRS



$$\forall s \exists t (s \rightarrow^* t \wedge \neg \exists u (t \rightarrow u)) \\ \Rightarrow \exists v (s \not\rightarrow v \vee v \xrightarrow{\epsilon} t)$$



yes | no | ?

property is arbitrary formula in first-order theory of rewriting

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CoCo 2025 Categories

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Literature

Aart Middeldorp, Alexander Lochmann and Fabian Mitterwallner

First-Order Theory of Rewriting for Linear Variable-Separated Rewrite Systems: Automation, Formalization, Certification

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