



## FORT-h 2.1

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# FORT-h



property



linear variable-separated



TRS

$$\begin{aligned} \forall s \exists t (s \rightarrow^* t \wedge \neg \exists u (t \rightarrow u)) \\ \implies \exists v (s \twoheadrightarrow v \vee v \xrightarrow{\epsilon} t) \end{aligned}$$



yes | no | ?

property is arbitrary formula in first-order theory of rewriting

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## CoCo 2024 Categories

COM    GCR    NFP    TRS    UNC    UNR

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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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- ▶ FORT-h 2.1 accepts ARI format

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