

CeTA @ CoCo 2016*

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CoCo @ CLA 2016

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New in version 2.28

Term Rewrite Systems

- left-linear TRSs with parallel-closed critical pairs
($\leftarrow \times \rightarrow \subseteq \rightsquigarrow$) are confluent

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actually also for commutation ...

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($\leftarrow \times \rightarrow \subseteq \# \Rightarrow$) are confluent

and for Toyama's extension

actually also for commutation ...

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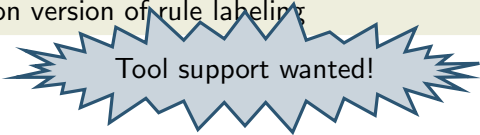
Term Rewrite Systems

- left-linear TRSs with parallel-closed critical pairs ($\leftarrow \times \rightarrow \subseteq \rightsquigarrow$) are confluent
- conversion version of rule labeling

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Tool support wanted!

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Conditional TRSs

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Conditional TRSs

- extended properly oriented, right-stable, oriented 3-CTRSs that are almost orthogonal modulo infeasibility are confluent

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- infeasibility of CPs: turn meets into joins (only for almost orthogonality), exact tree automata completion

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Conditional TRSs

- extended properly oriented, right-stable, oriented 3-CTRSs that are almost orthogonal modulo infeasibility are confluent
- infeasibility of CPs: turn meets into joins (only for almost orthogonality), exact tree automata completion
- **work in progress:** quasi-decreasing, strongly deterministic CTRSs with joinable critical pairs are confluent