CoCo 2018 Participant: CSI 1.2.1*

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CSI is a strong automatic tool for (dis)proving confluence of first-order term rewrite systems (TRSs). It has been in development since 2010. Its name is derived from the Confluence of the rivers Sill and Inn in Innsbruck. The tool is available from http://cl-informatik.uibk.ac.at/software/csi under a LGPLv3 license. A detailed description of CSI can be found in [4]. Compared to last year’s version, CSI 1.2.1 contains an implementation of the decision procedure for UNC of linear shallow rewrite systems by Zinn and Verma [5]. Furthermore it supports certified output for the persistent decomposition of many-sorted systems [1–3].

CSI participates in the categories CPF-TRS, NFP, TRS, UNC, and UNR of CoCo 2018.

References


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