

AGCP (Automated Ground Confluence Prover)

Takahito Aoto, Yoshihito Toyama

A ground confluence prover for many-sorted TRSs

- An entrant of **GCR** category
- Written in Standard ML of New Jersey (SML/NJ)
- Methods:
 - rewriting induction for bounded convertibility
 - equivalent transformations, disproving methods
- Based on:

Improvements of the Rewriting Induction Approach for proving GCR, Aoto/Toyama/Kimura, FSCD 2017

We couldn't make any efforts on AGCP this year.