

# AGCP (Automated Ground Confluence Prover)

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## 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.**