RTA–95

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Referee Report Form

Paper Number: 058

Title: Minimal and Optimal Relative Normalization in Orthogonal Expression Reduction Systems

Author(s): John Glauert and Zurab Khasidashvili

Please rate the following qualities from 0 to 10, with 10 being the highest.

Technical accuracy:	8
Significance of the work:	5
Originality of the work:	5
Quality of presentation:	3
Appropriateness:	7

Overall evaluation of the paper: **5**

[10 – 8] : strong accept
[7 – 6] : weak accept
[5 – 4] : weak reject
[3 – 1] : strong reject
0 – outside the scope of RTA-95

Referee's confidence in the evaluation: 5

Overall evaluation of the paper by the PC member (if different from reviewer):

Justification (why you rate the paper as above):

This paper focusses on the theory of normalization, and abstracts from specific normal form properties. It is a continuation of existing work. The authors describe nice results, though the importance and usefulnes is not very well discussed.

The paper is very unbalanced. The introduction, the first two pages, contains a good overview of existing work and the contents of the paper itself. However, the remainder of the paper contains just definitions, lemmas etcetera without good explanations or examples. Also, a concluding section is missing. Another problem is that the authors have tried to make the paper self-contained (which of course is recommendable). This has resulted in a lot of introductory sections of existing work and earlier work of the authors. If it is not possible to present these results in a better framework, it might be better to transform this paper (and the previous work) into a journal article.

Recommendation to the author(s) for possible improvements: