

Written Assignment 6

The purpose of this assignment is to critique and then improve some parts of the paper “A $O(\sqrt{\log(n)})$ Approximation Algorithms for Min UnCut, Min 2CNF Deletion, and Directed Cut Problems”. Hard copies of this paper were distributed in class, while a pdf file with this paper can be found at the Assignments section of the course website.

We have discussed at length some basic rules and guidelines for choosing titles, for writing effective abstracts of computer science articles, and for adhering to the elements of good technical writing.

- State whether or not the title of this paper adheres to the guidelines for titles. Justify your answer. If you believe that the title violates one or more of the guidelines, then propose an alternative title that does not.
- Identify all the guidelines that the abstract of this paper violates (there are several).
- Revise the abstract so that it adheres to the guidelines discussed as much as possible.
- Consider Definition 1 in page 1 of the paper. Can this definition be improved? If so, revise it accordingly.
- Identify at least three other violations of the elements of good technical writing in the paper. These violations should be different from the ones discussed in class concerning Definition 3, Definition 6, and Theorem 6.1.
- Use the \LaTeX fullpage package and 11pt font size.
- Submit a zip file with both the source \LaTeX file and the pdf file.

Timetable

(All deadlines are before midnight)

- Final draft due on Friday March 9, 2018.
- Final review and peer grading due on Monday March 12, 2018.