

ASTR 288C

Homework 2

Due: 3:30pm, Sept. 18, 2017

[30 points] Find a topic about gamma-ray bursts that interests you, and do the following:

1. Read some *refereed* papers about this topic. You do not need to read the full paper, just focus on the abstract and introduction. Choose papers that seem clearer to you. Also, read as many papers as needed to have a comprehensive summary (see more details below).
2. Write down a short summary (<500 words) that includes the following:
 - Title of the subject
 - **[10 pt]** Why is this subject important scientifically? (about one to two paragraphs)
 - **[10 pt]** What have been done in previous research? (about one to two paragraphs)
 - **[10 pt]** Reference and citation: through out your text, you should include citations for the subject that you mentioned, in the format like “Smith et al. (2013)”. Also, at the end of the summary, add the complete references in format similar to this example, “Norris, J.P., Gehrels, N., & Scargle, J.D., 2010, ApJ, 717, 411”. If there are more than two authors, use the phrase ”et al.” for authors beyond the first, as in: “Norris, J.P. et al., 2010, ApJ, 717, 411”.

The complete reference does not count into the word limit.

Please print out your summary and turn it in.