Grading Rubric : ASTR400B Research Assignment 2

Name: [Sant'Ana,Arthur Sardella](https://github.com/arthur-sant-ana/Astro400bRep)

**A Introduction 9 / 10**

Each of the below points should be a separate paragraph in your introduction.

1. Define the Proposed Topic. 1/1
2. State why this topic matters to our understanding of galaxy evolution. 2/2
3. Overview our current understanding of the topic. 2/2
4. What are the open questions in the field? 1/2
5. Cite at least 3 journal papers. Use BibTex for formatting citations 1/1
6. Include at least one figure with caption from those papers to motivate your work. 2/2

**B. The Proposal 10 / 10**

They must answer each of the below questions as separate subsections.

1. What specific question(s) will you be addressing? /1
2. How will you approach the problem using the simulation data? Here you should outline the codes you’d need to write. It can be in general terms. /5
3. Include at least one figure that illustrates your methodology. /2
4. What is your hypothesis of what you will find? Why do you think this will occur? /2

**C. Misc. 4 /5**

1. Proper Grammar 0/1
2. Included a bibliography /1
3. In Latex and ApJ/MNRAS formatting /2
4. On Time/On Github /1

**TOTAL** 23**/25**

**Late Penalty:**

* if submitted on due date, but after 5 PM  **(-5 points).**
* Proposals will **not be accepted** after the due date.

**Comments: -1: need some more open questions relevant to streams, -1: grammar and latex accuracy can be better.**

**Not sure what you mean by “contour plots of the velocity gradients” - do you mean phase diagrams? clarify your plan with Dr Besla or Himansh to make sure you are on the right track.**