Math 4B Fall 2014

Discussion Projects Evaluation Rubric

This handout describes how discussion projects are evaluated. Please pay careful attention to feedback on your DP solutions as the processing and reflection of this feedback is critical for learning and it will help you succeed on future DPs and on your exams.

Your discussion projects will be evaluated in the following two categories:

- **Quality of Mathematical Ideas:**

  - Work that scores a 7 in this category address all questions and contains complete and correct mathematical reasoning. In writing such solutions the authors brought to mind appropriate mathematical knowledge and used these ideas reasonably to form thorough solutions.

  - Work that scores in the range 3-6 in this category mostly brings appropriate mathematical knowledge to mind and attempts to use these ideas to address the major questions.

  - Work that scores in the range 1-3 in this category has brought somewhat reasonable mathematical knowledge to mind and minimally addresses the major questions in the project.

- **Clarity of Communication:**

  - Work that scores a 3 in this category communicates the ideas with an appropriate mix of clearly worded complete sentences and correctly written mathematical statements. It is readily apparent which question the authors are responding to throughout the solution. The solution includes clear and thorough pictures and/or diagrams where appropriate and these images are appropriately referenced in the work. All notation and mathematical vocabulary is consistent and is used correctly.

  - Work that scores a 2 in this category communicates ideas with a somewhat coherent mix of clearly worded complete sentences and mathematical statements. The solution includes pictures and/or diagrams where appropriate and attempts to use them to clarify important ideas. Most of the notation and mathematical vocabulary is consistent and correct.

  - Work that scores a 1 in this category attempts to communicate important ideas. A significant portion of the notation and mathematical vocabulary are used correctly.