

CS 543 MP0 Rubric

Part-1(4 points)

- **Test Image output.**
 - if Image does not look correct : -1
- **Map of all 3 images provided :**
 - If map not provided for any images : -1
 - If map only provided of single image : -0.5
- **Artifacts (if any, and if not why not?) :**
 - If no reasoning/example provided : -1
- **Average pixel and Max pixel error tables for all 3 images.**
 - Max pixel error is in around 10^3 if they normalize the image else it is around $2 \cdot 10^4$.
 - Average pixel error is in around 10^2 if they normalize the image else it is around $0.6 \cdot 10^2$.
 - If error is not in the ballpark : -1
(Note the error should be similar in magnitude only, if images look right and error is wrong, most likely student computed it incorrectly).

If code not provided : Give 0 straight.

Part-2(4 points)

- **Test Image output.**
 - if Image does not look correct. The image can have some distinct color dots. : -1
- **Map of all 3 images provided :**
 - If map not provided for any images : -1
 - If map only provided of single image : -0.5
- **Artifacts (if any, and if not why not?) :**
 - If no reasoning/example provided : -1
- **Average pixel and Max pixel error tables for all 3 images.**
 - Should be less than that for Part-1 average pixel error
 - Should be more than that for Part-1 max pixel error
 - If error is not as stated : -1
(Note the error should be similar in magnitude only, if images look right and error is wrong, most likely student computed it incorrectly).

If code not provided : Give 0 straight.

Part-3 (2 points)

- If no 2 images provided with their mosaic image and their reconstructed image : **-1.5**
- Any image that breaks the method and why they think so not provided : **-0.5**

If code not provided : Give 0 straight.

Part-4 Extra Credit (1 points)

- Any extra method done for demosaicing (with proper reference) : **+1**

Late penalty: For every day that the submission is late, multiply the score by 0.75. The penalty saturates after four days, that is, the maximum discount factor is ~ 0.32 .