Math 295 - Fall 2020
Warm up 7.1
Due before class on Monday October 26

Please turn in this assignment on Gradescope.

Problem 1 : (Objective D3) In this section we will explore the different formulations of Cauchy's Theorem.

a) Read Section 4.3 of BMPS. Please copy down the statement of what they call "Cauchy's Theorem."

b) In Section 4.3 of BMPS, there is another result which the authors state is sometimes called Cauchy's Theorem. Please copy down the statement.

c) Now read Section 8.3 of Bowman. Please copy down the statement of what he calls "Cauchy's Theorem."

d) Still in Section 8.3 of Bowman, please copy down the statement of the Cauchy-Goursat theorem.

e) Now please read Section 8.4 of Bowman. Please explain as best you can the result of Task 187. Note that you do not need to carry out the task, just write down as precise a statement as possible for what this task is proving.