Math 121, Sections 01, 02, Spring 2021
Homework #16
Due **Friday, April 23rd** in Gradescope by 11:59 pm ET.

- **Watch**: Power Series Videos 4 and 5

- **Read**: Section 11.10

- **Homework:**

Section	Problem #s
11.9	13 (a) only, 16, 25, 28
11.10	5, 6, 12, 14, 17 use Chart Method here
Plus: Question 1	Prove the Power Series Representation formula for $\ln(1+x)$
Plus: Question 2	Prove the Power Series Representation formula for $\arctan x$.

REGULAR OFFICE HOURS

Monday, Tuesday, Wednesday, Friday: 9:00 am–11:00 am ET

Monday, Tuesday, Wednesday, Friday: 2:00–4:00 pm ET

In-Person **OH Sunday 7-8:00 pm and Thursday 4-5:00 pm ET SMUDD 206**

Wednesday only this week: TA Daksha 7-9:00 pm ET

Tuesday and Friday: TA Min 7-9:00 pm ET

See the Moodle Page for Zoom links at the top of the page

Pay careful attention to details here.
Manipulating power series requires a balance
of memory and technical skill.