MAT 17B, Fall 2020
Homework 3
Due before 4:10 PM on Wednesday, October 21

Please write the homework solutions in connected sentences and explain your work. Mark the answers to each question. Scan or take pictures of your homework and upload it to Gradescope before due time.

1. (10 points) Compute the integral $\int_0^{\pi/2} \cos(x) \cdot \sin(\sin(x))dx$.

2. (10 points) Compute the integral $\int_0^1 \frac{e^z+1}{e^z+z}dz$.

3. (10 points) Compute the integral $\int_0^\pi t\sin(3t)dt$.