

MATH 2250, Fall 2010.

Homework assignment, Sept. 1, 2010

1. p. 11, #1
2. p. 16, # 1
3. Using power series representation of e^z ,

$$e^z = \sum_{n=0}^{\infty} \frac{z^n}{n!},$$

prove that $e^{z+w} = e^z e^w$