

HOMEWORK 8

due date: December 13, 2018

Find derivatives of the following functions.

1.

$$x^5 \cdot \sin x \cdot e^{\frac{x^4+1}{2+x^2}}$$

2.

$$\left(\log \left(\frac{e^x}{e^{\cos x} + e^{2x}} \right) \right)^3$$

(2 × 1 point)