

Math 182 Honors Quiz 4

Find the following primitives or antiderivatives:

①

$$\int x \cos x \, dx$$

②

$$\int x^2 \sin(x^3 + 1) \, dx$$

$$\textcircled{3} \int x^a \sqrt{x+1} dx$$

$$\textcircled{A} \int x^3 e^{2x^2} dx$$