

## Quiz 2

Integrate.

1.  $\int_1^e x \ln(x^4) dx$  (6 pts.)

2.  $\int \sin^5(x) \cos^2(x) dx$  (6 pts.)

3.  $\int \frac{2}{x^2 \sqrt{x^2 - 1}} dx$  (8 pts.)