

EXERCÍCIO 3

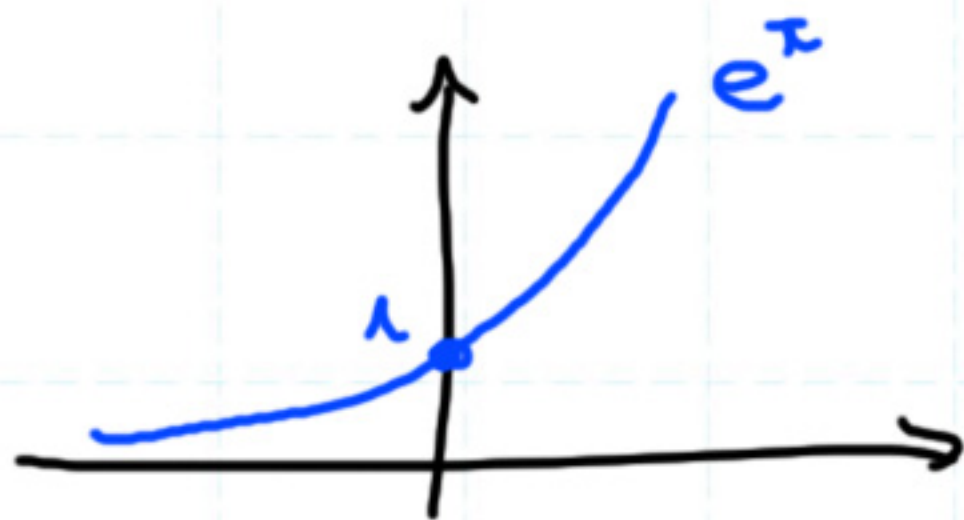


$$\int \frac{e^t}{e^t + 4} dt = \int \frac{1}{u} du = \ln |u| =$$
$$= \ln |e^x + 4| + C //$$

>0 >4

$$u = e^x + 4$$
$$du = e^x dx$$

$$= \ln(e^x + 4) + C //$$



$$e^x > 0$$

$$\ln x \rightarrow x > 0$$

$$\ln |\square| = \ln(\square) \text{ se } \square > 0$$