

## DISEQUAZIONI LOGARITMICHE DIFFICILI

$$1) 2 \ln(x) - 3 < \frac{2 \ln(x) + 3}{\ln(x)}$$

$$2) \ln[(x-3)(x-4)] - \ln(x-3) > ~~\ln(x-3) - \ln(x-4)~~ - \ln\left(\frac{x-1}{4}\right)$$

$$3) \ln^3(x) - 2 \ln x \geq 0$$