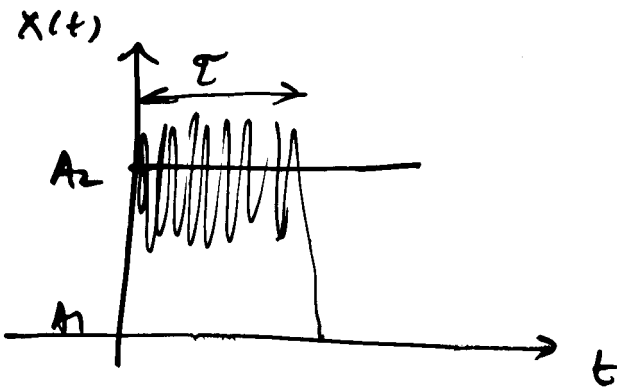
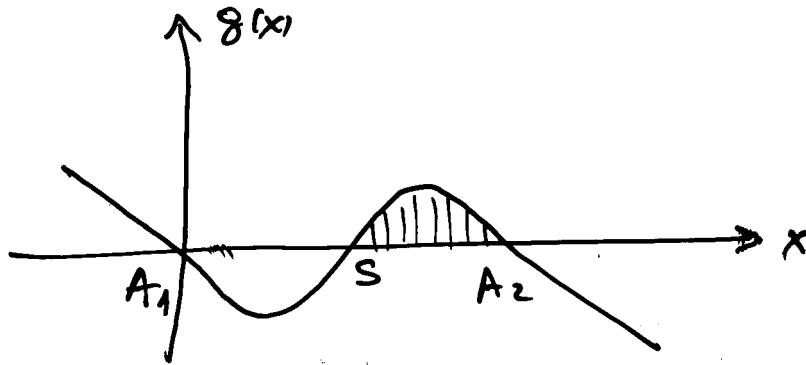


# GRANDES DEVIATIONS, ECHELLES DE TEMPS

## TRES LONGUES

$$dx = g(x) dt + \frac{\sigma(x)}{\sqrt{V}} dB_t$$



$$E[\tau] \sim \exp \left[ V \int_S^{A_2} \frac{g(x)}{\sigma^2(x)} dx \right]$$

E. coli + 2 phage

