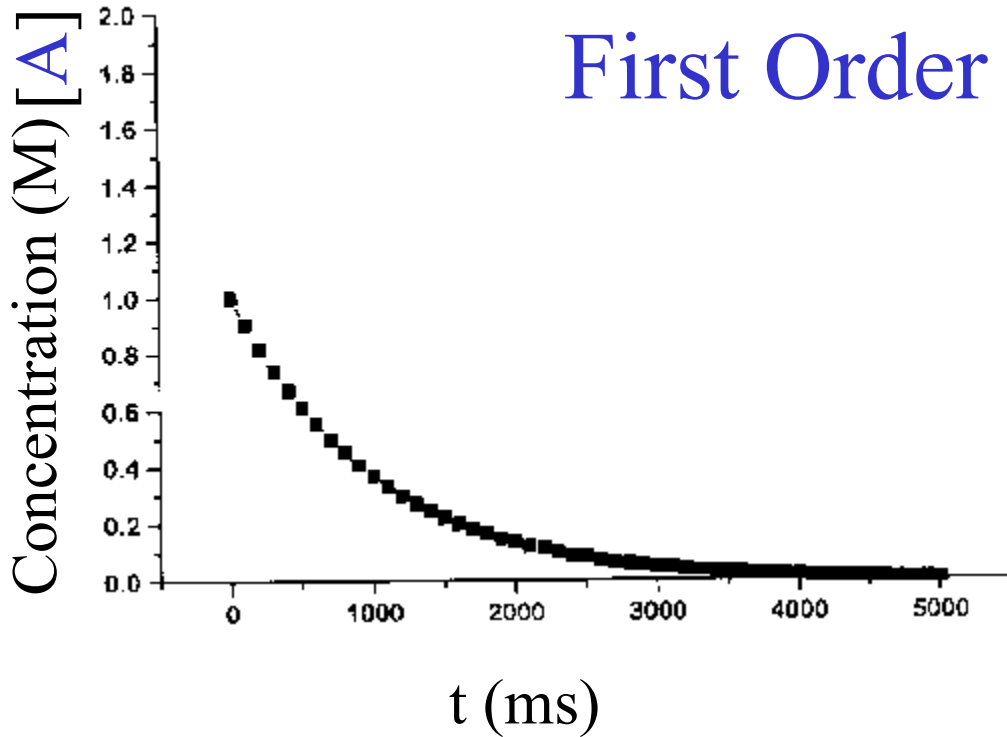
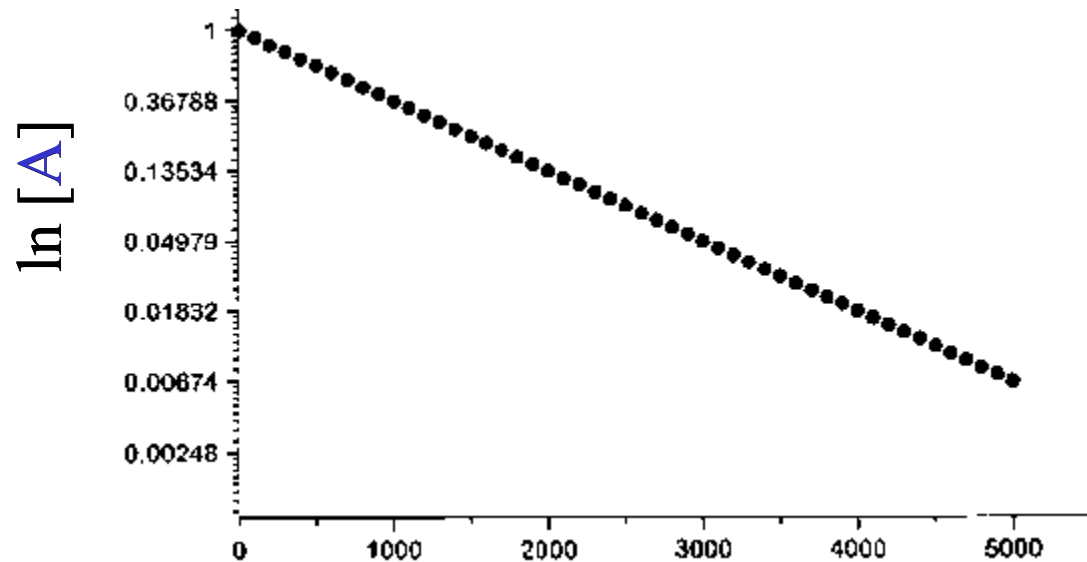


# First Order reaction



$$\ln[A]_t = -kt + \ln[A]_0$$



$$y = \ln[A]_t$$

$$x = t$$

$$m = -k$$

$$b = \ln[A]_0$$