

SEPARATION D'ÉCHELLES DE TEMPS

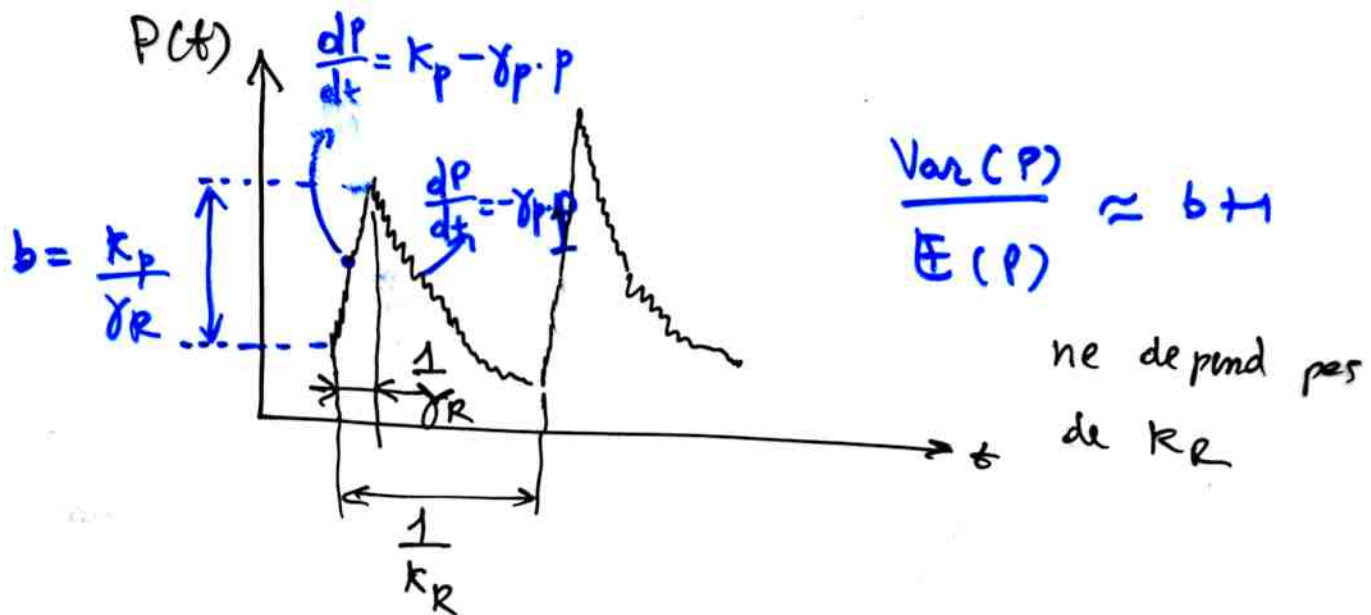
→ traduction vs. transcription dans les prokaryotes



$$\frac{1}{\gamma_R} \ll \frac{1}{k_R}$$



$$\frac{1}{k_P} \ll \frac{1}{\gamma_R} \ll \frac{1}{\delta_P}$$



Thattai, Oudenaarden PNAS 98, 8614 (2001),
Nature Genetics 31, 69 (2002) ← *B. subtilis*

Elowitz, Levine, Siggia, Swain, Science 297, 1183 (2002)

Blake, Koern, Cantor, Collins, Nature 422, 633 (2003)