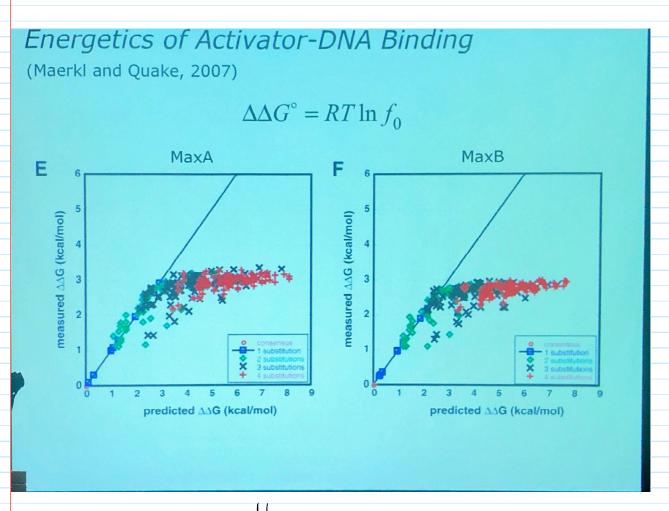
$$\frac{\sigma^2}{\langle m^1\rangle} = 1 + \langle m^1\rangle \frac{k^-}{k^+} \frac{\gamma}{k^+ + k^- + \gamma}.$$

Hinrich Boeger



La Binding of correct and

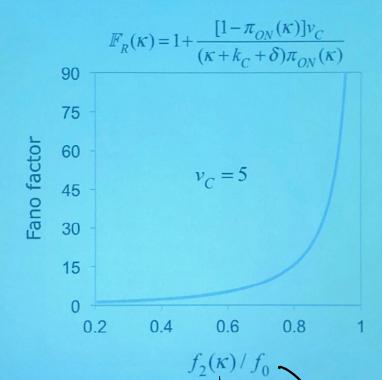
incorrect activator to a.
promoter



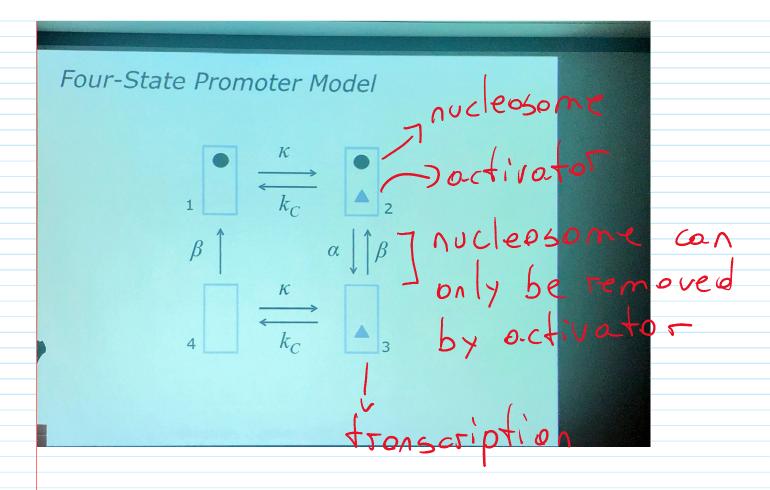
 $f_0 \simeq 100$ $f_0 \simeq 100$ in the context $(w/kon > 0) \rightarrow of o. 2-state$ model

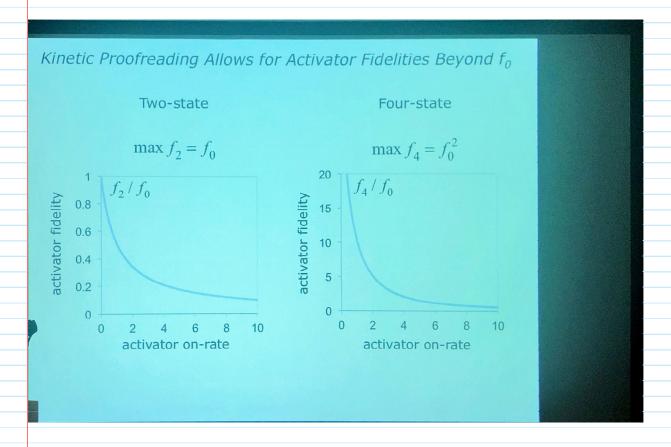
mode

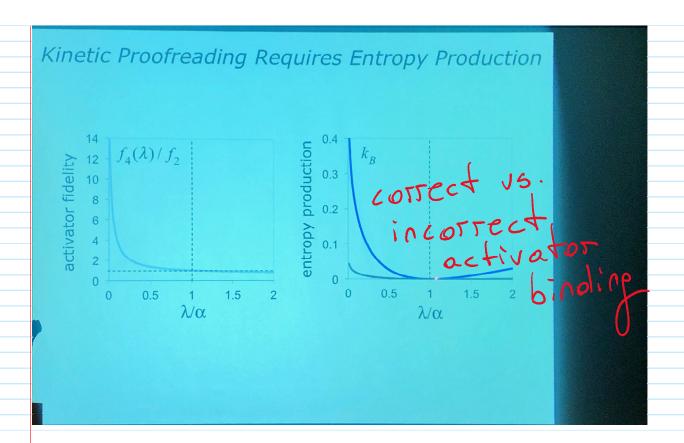
Noise Catastrophe



Kon thermodynamic limit







Kinetic Proofreading Avoids Noise Catastrophe

