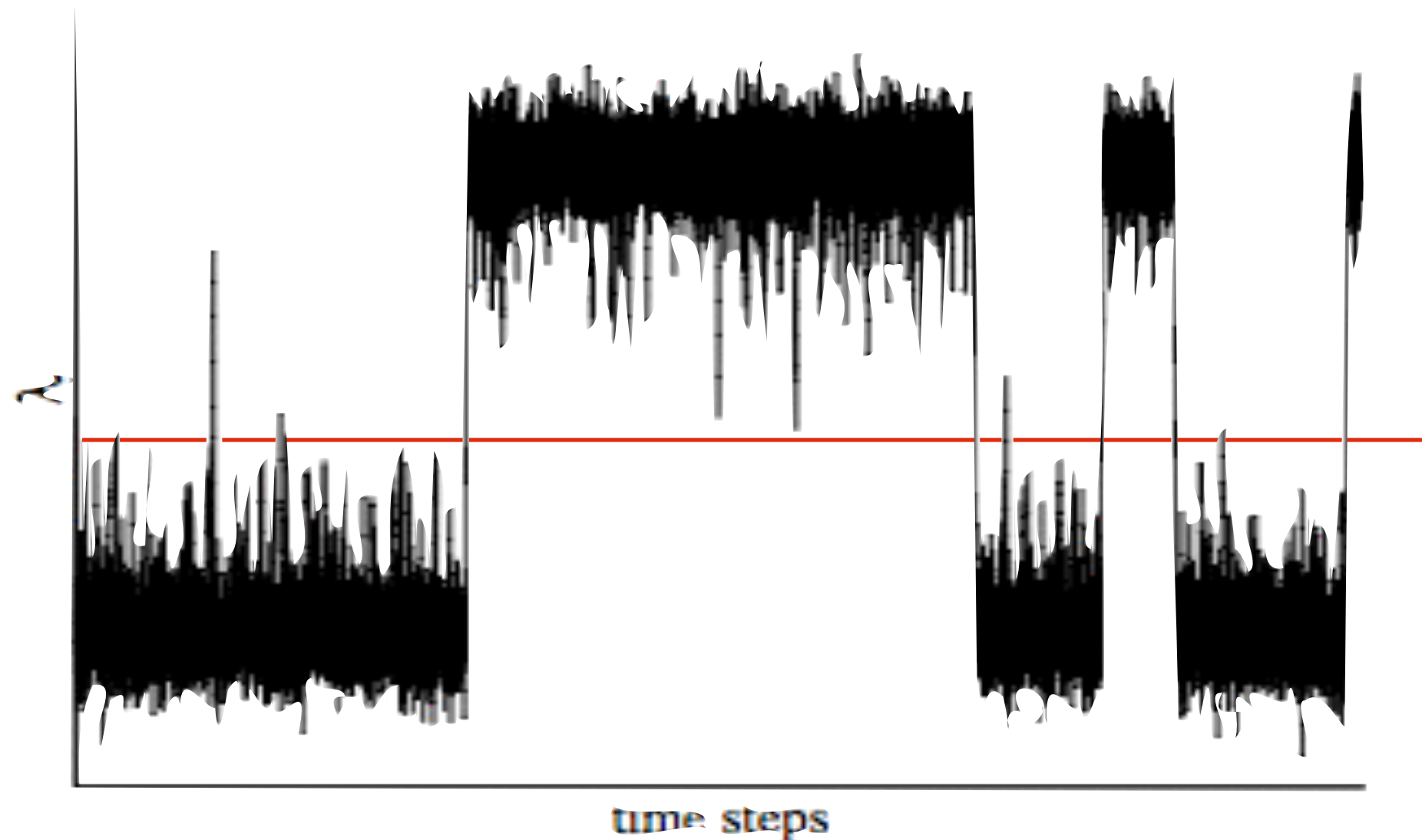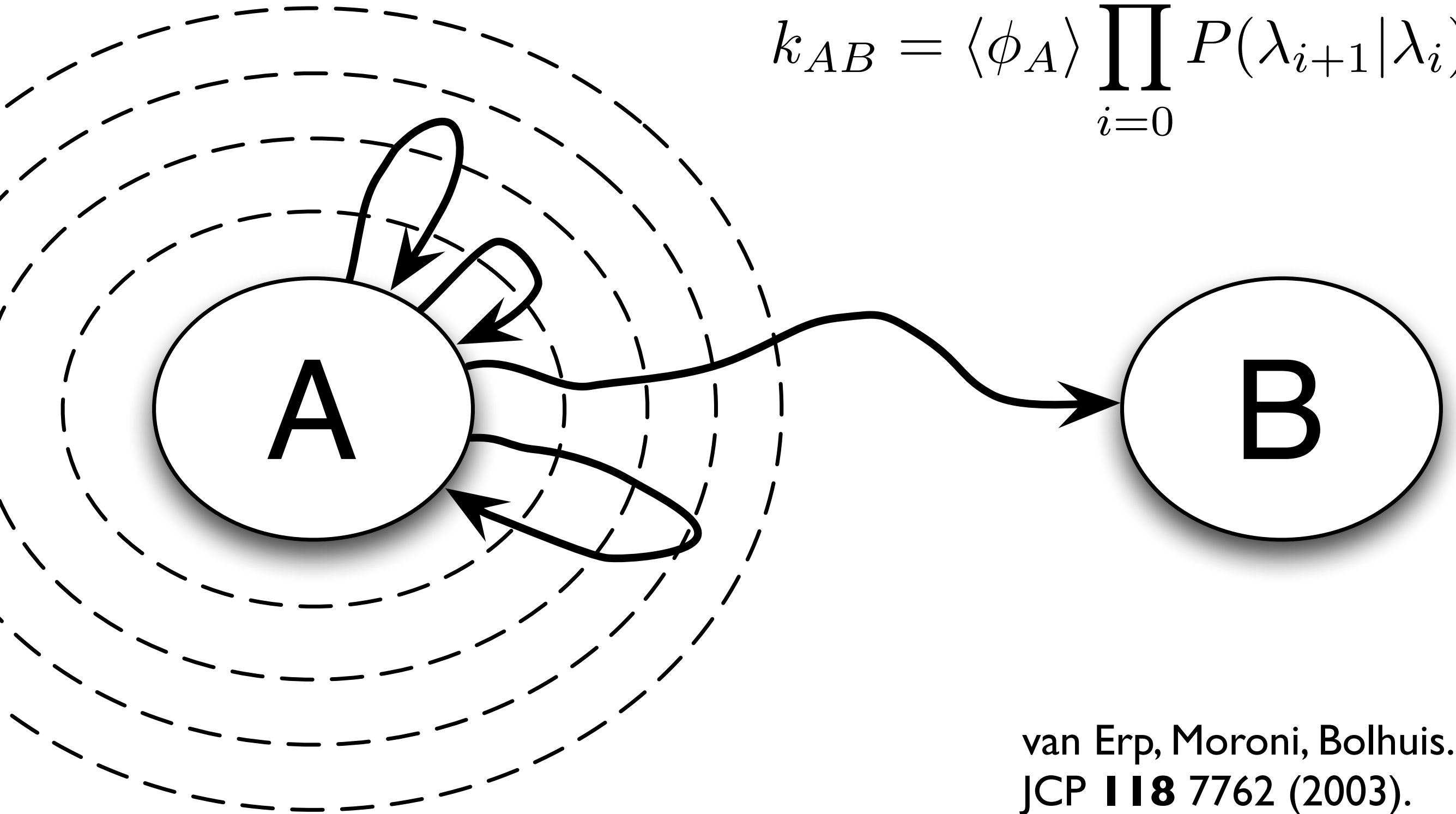# Rare Events

Probability of transition can be split into product of probability of reaching an interface and probability of getting from interface to state

Transition Interface Sampling

$$k_{AB} = \langle \phi_A \rangle \prod_{i=0}^{N} P(\lambda_{i+1}|\lambda_i)$$

van Erp, Moroni, Bolhuis.
JCP **118** 7762 (2003).