

# Errata

## Chapter 1: Biological Background

p. 8      Caption Figure 1.2: “variable chains” → “invariant chains”

## Chapter 2: Modeling T cell Activation

p. 17      “DEphosphorylations are catalyzed by a constitutive phosphatase”

## Chapter 3: Multistationarity

p. 41      The steady states  $c^*$  and  $c^{**}$  were named in reverse order compared to p.62. For consistency within the work and agreement with Ellison’s work,  $c^*$  and  $c^{**}$  should be interchanged here:  $\mu_i := \ln\left(\frac{c_i^{**}}{c_i^*}\right) \rightarrow \mu_i := \ln\left(\frac{c_i^*}{c_i^{**}}\right)$

p. 62      Step 17: “fulfills the three linearity conditions” → “fulfills the two linearity conditions”

p. 90      Step 13: “We have assigned all colinearity classes a NONzero sign”

## Chapter 5: Stability under Single Phosphorylation

p. 115      “every nonconstant solution” → “every bounded solution”

p. 115      Index error:  $\det(A) = \prod_{k=1}^m \lambda_i \rightarrow \det(A) = \prod_{k=1}^m \lambda_k$

## Outlook

p. 139      “dissociation constant” → “binding constant”