

# 1 Errata for “Biology in Time and Space”

Remark: Following is a list of errors that have been found so far. I’m sure there are more and as they are discovered, they will be added to this list.

1. p 16; Eqs 1.68 and 1.69; change  $\kappa$  to  $k$ .
2. p. 25: Eq 1.118; change index  $j$  as follows:  $k = \min_i\{R_2 \leq x_i\}$ .
3. pg. 30, line 9, and pg. 136, Eqn (7.23):  $\alpha_m = 0.1 \frac{25-V}{\exp(\frac{25-V}{10})-1}$
4. p. 43, line -6; the reference to ‘Poisson-Nernst’ should be to Nernst-Planck
5. pg 60, line -3; velocity is 400 m/sec.
6. pg. 77, line -5; Since  $z = x/\sqrt{4Dt}$ ,  $z^{-2}$  is a surrogate for  $t$ . Fig. 5.1b should be plotted as a function of  $z^{-2}$ .

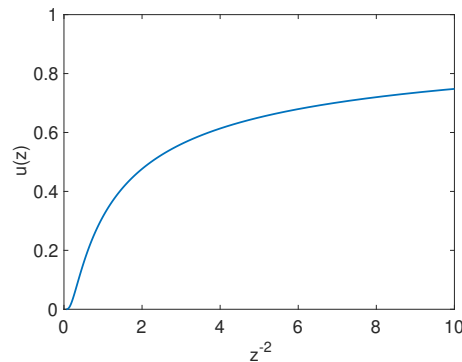


Figure 1: Plot of the solution (5.18) plotted as a function of  $z^{-2}$  with  $u_0 = 1$ .