

Errata in Chapter 4

Page 163-164, Solution to problem 30 (changes marked in RED).

By substituting $z = 1 - s/\lambda$ in Equation 4.8 and letting $n \rightarrow \infty$ we have

$$E[e^{-sY}] = \tilde{H}(s) = \lim_{n \rightarrow \infty} E[(1 - s/\lambda)^{B_n}].$$

However, from Equation 4.7 we have

$$\lim_{n \rightarrow \infty} E[(1 - s/\lambda)^{B_n}] = \phi(1 - s/\lambda).$$

Now from the previous two equations we have

$$E[e^{-sY}] = \tilde{H}(s) = \phi(1 - s/\lambda).$$

Page 239, Execrise 4.16

Change “means low down” to “mean slow down”.