

Introduction to Scientific Programming and Simulation Using R

Errata as of 29 May 2009

p30 l17 “`show(x)`” should be “`print(x)`”

p175 l6 “ $\epsilon/f'(a)$ ” should be “ $\epsilon/|f'(a)|$ ”

p208 l8 “the slope at \mathbf{x} ” should be “the curvature at \mathbf{x} ”

p211 l26 “`return(x - a.max*y)`” should be “`return(x + a.max*y)`”

p239 l7 “ $5 \times 0.0625 = 0.3125$ ” should be “ $1 - (15/16)^5$ ”

p333 l1 “In R the command `set.seed(seed)` puts you at point `seed` (assumed integer) on the cycle of pseudo-random numbers.” should be “For a given value of `seed` (assumed integer), the command `set.seed(seed)` always puts you at the same point on the cycle of pseudo-random numbers.”

p338 l16 “ $F_X(x) = 2(x - 1)$ ” should be “ $F_X(x) = (x - 1)/2$ ”

p371 l6 “ $\sqrt{2} \arctan\left(\frac{x}{2}\right)$ ” should be “ $\sqrt{2} \arctan\left(\frac{x}{\sqrt{2}}\right)$ ”

p397 l10 “ $I(u)(v - u)$ ” should be “ $hI(u)(v - u)$ ”