

Errata for **Stochastic Adaptive Search for Global Optimization**

First Printing (As of Aug 24 2006)

Chapter 1

- Page 16, line 20: "step size" is missing between "the" and "is"

Chapter 2

- Page 31, Figure 2.2 illustrates a maximization problem
- Page 34, line -6: change $x > y$ to $x < y$

Chapter 3

- Page 73, line -2: change $\ln \left(\frac{(1-p)u}{(1-p)u+p} \right)$ to $\ln \left(\frac{u}{(1-p)u+p} \right)$
- Page 77, line 11: change $j = 2$ to $i = 2$

Chapter 4

- Page 88 lines 14 and -13, Page 92 line -12: change nonincreasing to nondecreasing (because as y decreases towards y_* , $T(y)$ decreases to 0)
- Page 93, lines -9 and -10: change HAS to HAS'
- Page 100, line 10: change dx to du (both numerator and denominator)
- Page 104, line -6: change "are" to "is"

Chapter 5

- Page 111, line -10: "of" is missing between "properties" and "genetic"

Chapter 6

- Page 129, line 6: Linearity only holds under regularity conditions (as detailed in Corollaries 2.10 and 2.12)
- Page 130, line -18: change sampler to samplers
- Page 143, line 8: change $A = ZD^{\frac{1}{2}}Z'$ to $A = D^{\frac{1}{2}}Z'$
- Page 167, line -12: change $L \leq U$ to $L < U$

Chapter 7

- Page 183, lines -16 and -7: change $x_2 = 50 - x_3$ to $x_2 = 50 - x_1$