**EVOLUTIONARY OPTIMIZATION ALGORITHMS ( P 244 )**

We see that ant travel is a positive feedback phenomenon, at least to a certain point. There were always some ants that chose the longer path because their choices are partially governed by random processes. However, in general, as more ants choose the shorter path, the shorter path receives more pheromone; and as the shorter path receives more pheromone, more ants choose it.

**EVOLUTIONARY OPTIMIZATION ALGORITHMS ( P 248 )**

