def SA(x0, lb, ub, epsilon=3, max\_iter=5000, t\_start=1000, c=0.99, n=2):

n = 2  
sample\_x = np.array([1, 1])  
epsilon = 2  
lb = np.array([0, 0])  
ub = np.array([10, 10])  
t\_start = 1000  
c = 0.99  
a\_large\_number = 100  
max\_iter = 5000  
xopt, fopt = SA(sample\_x, lb, ub, epsilon, max\_iter, t\_start, c, n)  
print "xopt", xopt  
print "fopt", fopt

fopt -0.337199965356

fopt -0.363822792953