Erratum

Heuristic combinatorial optimization by simulated Darwinian evolution: a polynomial time algorithm for the Traveling Salesman Problem

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The following errors in the above paper are to be corrected:

Lemma 2 should read:

Lemma 2. $E_{ga}(X) = (1-p)^{-1}$ and $\sigma_{ga}^2(X) = p(1-p)^{-2}$

The penultimate sentence in the proof of Lemma 3 should read as: "Thus if $x(\theta; \alpha = 0) = E_{ga} + \lambda\sigma$, where $\lambda = 1/\sqrt{1-\theta}$, then $F(x(\theta)) \geq \theta$."

The final paragraph of the conclusion should begin: "It is also appealing to consider hybrids of neural network learning algorithms with evolutionary search procedures, in view of Nature's success in this area."

Table 1 should be as follows:

Table 1. The times are normalized to the 10-city TSP solved by *evolution*, because the simulations were conducted on several machines

	Number of Cities			
	10	20	50	100
<i>Evolution</i>				
Time	1.00	2.84	8.68	19.68
Distance	268.3237	431.8781	620.1306	924.751
<i>Greedy</i>				
Time	0.56	2.16	14.28	64.84
Distance	506.5496	1075.61	2565.541	4899.416
<i>GAF</i>				
Time	1.13	3.51	10.83	24.11
Distance	268.3237	431.8781	814.6011	1230.887
<i>Expected Min</i>				
Distance	268.3237 ^a	431.8781 ^a	529.623	749

^a Actual minimum distance