

## Erratum to: Cuckoo search algorithm: a metaheuristic approach to solve structural optimization problems

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Published online: 12 December 2012  
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### Erratum to: Engineering with Computers DOI 10.1007/s00366-011-0241-y

The authors would like to correct errors in the original publication as detailed below:

Since the lower bound of the plate thickness ( $t$ ) is defined in Sect. 3.2.4, Eq. (33) should be removed.

There were some typos in the cited, earlier articles concerning the problem formulation, which should be corrected as:

$$g_1 = 85.334407 + 0.0056858x_2x_5 + 0.0006262x_1x_4 - 0.0022053x_3x_5 \quad (4)$$

$$g_2 = 80.51249 + 0.0071317x_2x_5 + 0.0029955x_1x_2 + 0.0021813x_3^2 \quad (5)$$

$$g_3 = 9.300961 + 0.0047026x_3x_5 + 0.0012547x_1x_3 + 0.0019085x_3x_4 \quad (6)$$

$$f(A_1, A_2) = (2\sqrt{2}A_1 + A_2) \times l \quad (44)$$

$$f(A_s, b, h) = 29.4A_s + 0.6bh \quad (61)$$

$$f(T_s, T_h, R, L) = 0.6224T_sRL + 1.7781T_hR^2 + 3.1661T_s^2L + 19.84T_s^2R \quad (68)$$

In Sect. 3.2.13, the bounds should be  $-30 \leq x_{10}, x_{11} \leq 30$ .

In the last paragraph of Sect. 3, it should read “For solving this problem, CS had a population of 20 cuckoos and 1,000 iterations for each run...”

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The online version of the original article can be found under doi:[10.1007/s00366-011-0241-y](https://doi.org/10.1007/s00366-011-0241-y).

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