

Corrigendum to ‘***Dynamically configured physics-informed neural network in topology optimization applications***’

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We regret the misspelling of the symbols in Eq. 41, as well as the misspelling of the diagram description in Figures 6 and 27. We would like to include these corrections in this file. We assure you that these corrections do not affect the theoretical and experimental data of the manuscript and are merely spelling errors.

We would like to apologise for any inconvenience caused.

1. In Eq. 41. There is a redundant ‘ $f$ ’ in the symbol denoting the optimization objective, it should be modified to:

$$\tau_{\text{stop}} = \frac{\sum_{i=0}^{Ns-1} |f_c^{(k-i)}(\rho) - f_c^{(k-i-Ns)} f(\rho)|}{\sum_{i=0}^{Ns-1} f_c^{(k-i)}(\rho)} \rightarrow \tau_{\text{stop}} = \frac{\sum_{i=0}^{Ns-1} |f_c^{(k-i)}(\rho) - f_c^{(k-i-Ns)}(\rho)|}{\sum_{i=0}^{Ns-1} f_c^{(k-i)}(\rho)}, \quad (41)$$

2. There is a redundant ‘s.’ in the annotation of Figure 6 that needs to be removed. The corrected annotation should read:  
Figure 6 Design domains and boundary conditions for two examples: (a) is a 12-by-4 m<sup>2</sup> cantilever beam, and (b) is an L-shape beam with characteristic dimensions of 8 m and 5 m.

3. There is a spelling error in the annotation for Figure 27 that needs to be corrected. The corrected one should read:  
(a) The number of hidden layers  
Figure 27 Impact of hyperparameters on collocations ratio.

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