# Corrections to: Structural Optimization of Fiber-Reinforced Material Based on Moving Morphable Components (MMCs)** 

Zhi Sun ${ }^{1 \star \text { (D) } \quad \text { Ziwen Song }}{ }^{1} \quad$ Junfu Song ${ }^{1} \quad$ Haiyan Li $^{1} \quad$ Xu Guo ${ }^{1 \star}$<br>( ${ }^{1}$ State Key Laboratory of Structural Analysis for Industrial Equipment, Department of Engineering Mechanics, International Research Center for Computational Mechanics, Dalian University of Technology, Dalian 116023, China)

Published online 17 March 2022
(c) The Chinese Society of Theoretical and Applied Mechanics 2022

## Corrections to: Acta Mechanica Solida Sinica https://doi.org/10.1007/s10338-021-00305-0

During production of the article unfortunately several typesetting mistakes have been introduced. In Eq. (17). The correct equation is:

$$
\left[\begin{array}{l}
N_{x}  \tag{17}\\
N_{y} \\
N_{x y}
\end{array}\right]=\left[\begin{array}{lll}
A_{11} & A_{12} & A_{16} \\
A_{12} & A_{22} & A_{26} \\
A_{16} & A_{26} & A_{66}
\end{array}\right]\left[\begin{array}{l}
\varepsilon_{x} \\
\varepsilon_{y} \\
\gamma_{x y}
\end{array}\right]
$$

In Eq. (22). The correct equation is:

$$
H_{\varepsilon}(x)= \begin{cases}1 & \text { if } x>\varepsilon  \tag{22}\\ \frac{3(1-\alpha)}{4}\left(\frac{x}{\varepsilon}-\frac{x^{3}}{3 \varepsilon^{3}}\right)+\frac{(1+\alpha)}{2}, & \text { if }-\varepsilon<x<\varepsilon \\ \text { otherwise }\end{cases}
$$

In Eq. (30). The correct equation is:

$$
\begin{equation*}
\frac{\partial\left(S_{i}\right)}{\partial \alpha}=\int_{D} \frac{\partial H_{\varepsilon}\left(\min \left(\chi_{m}^{2}, \chi_{n}^{2}\right)\right)}{\partial \alpha} \mathrm{d} V \tag{30}
\end{equation*}
$$

In line 1, page 6 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=\left(x_{i 0}, y_{i 0}, L_{i 1}, d_{i 11}, d_{i 12}, \sin \theta_{i}, \alpha_{i 0}\right)^{\mathrm{T}}
$$

In line 34, page 9 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=\left(L_{i 1}, d_{i 11}, d_{i 12}, \sin \theta_{i}, \alpha_{i 0}\right)^{\mathrm{T}}
$$

In line 34, page 9 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=(0.3,0.05,0.05,0, p i / 3(-p i / 3))^{\mathrm{T}}
$$

In line 25 , page 10 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=\left(L_{i 1}, d_{i 11}, d_{i 12}, \sin \theta_{i}, \alpha_{i 0}\right)^{\mathrm{T}}
$$

[^0]In line 26 , page 10 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=(0.28,0.05,0.05,0.4(-0.4), p i / 3(-p i / 3))^{\mathrm{T}}
$$

In line 4, page 11 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=\left(L_{i 1}, d_{i 11}, d_{i 12}, \sin \theta_{i}, \alpha_{i 0}\right)^{\mathrm{T}}
$$

In line 4 , page 11 of the article. The correct expression is:

$$
\boldsymbol{D}^{i}=(0.28,0.09,0.09,0.4(-0.4), p i / 4)^{\mathrm{T}}
$$

The original article has been corrected.


[^0]:    * Corresponding authors. E-mails: zhisun@dlut.edu.cn; guoxu@dlut.edu.cn
    ** The original article can be found online at https://doi.org/10.1007/s10338-021-00305-0.

