Corrigendum

Corrigendum to “An Analytical Model for the Identification of the Threshold of Stress Intensity Factor Range for Crack Growth”

Marzio Grasso,1 Antonio De I,2 Yigeng Xu,3 George Haritos,1 M. Mohin,1 and Yong K. Chen1

1School of Engineering and Technology, University of Hertfordshire, College Lane Campus, Hatfield AL10 9AB, UK
2Department of Industrial Engineering, University of Naples Federico II, 80125 Naples, Italy
3School of Aerospace, Transport and Manufacturing, Cranfield University, Cranfield, Bedfordshire MK43 0AL, UK

Correspondence should be addressed to Marzio Grasso; m.grasso@herts.ac.uk

Received 21 November 2017; Accepted 27 November 2017; Published 27 February 2018

Copyright © 2018 Marzio Grasso et al. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

In the article titled “An Analytical Model for the Identification of the Threshold of Stress Intensity Factor Range for Crack Growth” [1], there were minor errors in the text, referencing, and an equation.

There was an error in the Introduction, where the word “not” was missing from the sentence “This is due to the fact that the far-field cyclic compression method is not affected by the compressive yielding at the crack-starter notch and more “steady-state” constant amplitude data in near-threshold regime is achieved with this method [29].”

In addition, the cited references in the keys of Figure 6 should be corrected as follows.

Figure 6: Continued.
Accordingly, the sentence “In Figure 6, the values of the threshold SIF predicted by the model for each curve of the five datasets analysed in this paper are shown together with the corresponding values gathered from the literature [44]” in Results and Analyses should be corrected to “In Figure 6, the values of the threshold SIF predicted by the model for each curve of the five datasets analysed in this paper are shown together with the corresponding values gathered from the literature [41, 43, 44].”

Moreover, (6) should be amended as follows:

\[
a_{th} = \frac{a_0 - a_f \times (N_{th}/(N_f + N_{th}))^p}{\exp\left((N_a/(N_f + N_{th}))^{\beta} - (N_{th}/(N_f + N_{th}))^{\beta} \times (1/(\beta-1))\right)}
\]

References
