CORRECTION



Correction to: Method of experimentally identifying the complex mode shape of the self-excited oscillation of a cantilevered pipe conveying fluid

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Correction to: Nonlinear Dyn

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This correction stands to correct the original article, published with an error in Eq. 2 (Eq. 2) and errors in Figs. 3b, 9b and d, 10b and d, and 11b and d.

The authors ask readers to consider the correct equation for Eq. 2 where, the first term, 3rd line from the end of equation 2, the error appears: $\int_{0^s} 1/2v^{s'2} ds$.

The correct notation for this part of the equation should be noted as: $\int_{0}^{s} \frac{1}{2} v^{s'2} ds$.

Additionally, provided herein are revised figures: Figs. 3b, 9b and d, 10b and d, and 11b and d.

The original article can be found online at https://doi.org/10.1007/s11071-022-07460-0.

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K. Yamashita Fukui University of Technology, 3-6-1, Gakuen, Fukui City, Fukui Prefecture, Japan Fig. 3 Theoretical third complex mode shape of the pipe in the case that $\beta =$ 0.388 and $\gamma =$ 74.2 (**a** Real component of the mode and **b** imaginary component of the mode). Each mode shape is normalized by the

absolute value $\sqrt{\Phi_r^2 + \Phi_i^2}$ of the complex number Φ at the end point (s = 1)







Fig. 11 Comparison of the experimental mode shape with the theoretical mode shape for Pipe 3: **a** and **b** shapes of the experimental real and imaginary modes and **c** and **d** shapes of the theoretical real and imaginary modes



Noting these corrections, the original article has been corrected.

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