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Letter to the Editor

Erratum to "On the Dynamics of the Logistic Delay Differential Equation with Two Different Delays" [J. Appl. Comput. Mech. 7(2) (2021) 442 - 449]

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In the final version of the previously published article [1], the authors regret that the original contribution of the research conducted by Berezowski, [2] was not properly cited. In particular, the theoretical framework discussed in Sec. 2.2, for our model of Logistic equation with two delays [1]:

$$\frac{dx}{dt} = -x(t) + \rho x(t-1)(1-x(t-2)), \quad (1)$$

are mathematically identical (or substantially equivalent) for his model of Logistic equation with one delay, Sec. 2 [2]:

$$\sigma \frac{dx}{dt} + x(t) = ax(t-\tau_d)(1-x(t-\tau_d)), \quad (2)$$

where τ_d is the delay time. The omission was unintentional. The authors sincerely apologize to Prof. M. Berezowski and to the readership for this oversight. This correction does not affect the results or conclusions of the previous article.

Author Contributions

All authors contributed equally to this paper. The manuscript was written through the contribution of all authors. All authors discussed the results, reviewed, and approved the final version of the manuscript.

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Conflict of Interest

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Data Availability Statements

The datasets generated and/or analyzed during the current study are available from the corresponding author on reasonable request.

References

[1] El-Sayed, A.M.A., Salman, S.M., Abo-Bakr, A.M.A., On the dynamics of the Logistic delay differential equation with two different delays, *Journal of Applied and Computational Mechanics*, 7, 2021, 442-449.



[2] Berezowski, M., Effect of delay time on the generation of chaos in continuous systems. One-dimensional model. Two-dimensional model-tubular chemical reactor with recycle, *Chaos, Solitons & Fractals*, 12, 2001, 83-89.

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