AUTHOR CORRECTION

Correction to: Basic mechanisms of escape of a harmonically forced classical particle from a potential well

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Correction to:

Nonlinear Dyn

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Abstract This corrigendum corrects Eqs. (15–16) in the original paper. Other results, conclusions and discussion are not affected by this correction.

Quantitative evaluations presented in paper [1] in formulas (15–16) were evaluated for sets of parameters and initial conditions different from those mentioned in the paper. Correct results for zero initial conditions are presented below:

$$\begin{aligned} F_{tr}(3, 0) &= F_c(3, 0) = 2; \\ F_{tr}(1/3, 0) &= F_c(1/3, 0) = 2/3; \\ F_{tr}(2, 0) &= \frac{2}{\sqrt{3}} \approx 1.15 > F_c(2, 0) \\ F_{tr}(1/2, 0) &= \frac{1}{\sqrt{3}} \approx 0.577 > F_c(1/2, 0) \end{aligned} \quad (15)$$

$$\begin{aligned} F_{tr}(3, \pi/2) &= \frac{432}{25\sqrt{11}} \approx 5.21 > F_c(3, \pi/2); \\ F_{tr}(1/3, \pi/2) &= \frac{48}{25\sqrt{11}} \approx 0.579 > F_c(1/3, \pi/2); \\ F_{tr}(2, \pi/2) &= F_c(2, \pi/2) = 3/2; \\ F_{tr}(1/2, \pi/2) &= F_c(1/2, \pi/2) = 3/8; \end{aligned} \quad (16)$$

Neither other results nor conclusions in the paper are affected by this correction. We are very grateful to Ms. Esther Goldberger who attracted our attention to the inconsistency, and apologize for the inconvenience.

Compliance with ethical standards

Conflict of interests The authors declare that they have no conflict of interests

Reference

1. Gendelman, O.V., Karmi, G.: Basic mechanisms of escape of a harmonically forced classical particle from a potential well. *Nonlinear Dyn.* <https://doi.org/10.1007/s11071-019-04985-9>

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