

CORRECTION



## Correction to: Oscillations and Pattern Formation in a Slow–Fast Prey–Predator System

Pranali Roy Chowdhury<sup>1</sup> · Sergei Petrovskii<sup>2,3</sup> · Malay Banerjee<sup>1</sup>

Published online: 28 October 2021 © Society for Mathematical Biology 2021

## Correction to: Bulletin of Mathematical Biology (2021) 83:110 https://doi.org/10.1007/s11538-021-00941-0

The original version of the article, unfortunately, contained a few misprints. The notation of  $\lambda_H$  was shown incorrectly in a few places in the published version. It has been corrected in this correction.

1. The Theorem 1 should be read as follows:

**Theorem 1** Let (U, V) = (0, 0) be the canard point of the transformed system (12) at  $\lambda = 0$  such that (0, 0) is a folded singularity and G(0, 0, 0) = 0. Then, for sufficiently small  $\varepsilon$  there exist a singular Hopf bifurcation curve  $\lambda = \lambda_H(\sqrt{\varepsilon})$  such that the equilibrium point *P* of the system (12) is stable for  $\lambda > \lambda_H(\sqrt{\varepsilon})$  and

$$\lambda_H(\sqrt{\varepsilon}) = -\frac{b_3(a_1 + a_5)}{2b_2b_4}\varepsilon + O\left(\varepsilon^{\frac{3}{2}}\right). \tag{17}$$

2. In Eq. (18), the expression on the left hand side  $o_H(\sqrt{\varepsilon})$  should be read as  $\delta_H(\sqrt{\varepsilon})$ .

Malay Banerjee malayb@iitk.ac.in

Pranali Roy Chowdhury pranali@iitk.ac.in

Sergei Petrovskii sp237@leicester.ac.uk

- <sup>1</sup> Department of Mathematics and Statistics, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh 208016, India
- <sup>2</sup> School of Computing and Mathematical Sciences, University of Leicester, Leicester LE1 7RH, UK
- <sup>3</sup> Peoples Friendship University of Russia (RUDN University), 6 Miklukho-Maklaya St, Moscow, Russian Federation 117198

The original article can be found online at https://doi.org/10.1007/s11538-021-00941-0.

3. In the Appendix B, after Eq. (44), the expressions  $\geq_H(\sqrt{\varepsilon})$  should be read as  $\lambda_H(\sqrt{\varepsilon})$  at three places of occurrence.

The original article has been corrected.

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.