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OPEN **Publisher Correction: Trapping Phenomenon Attenuates the Consequences of Tipping Points for Limit Cycles**

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Correction to: *Scientific Reports* <https://doi.org/10.1038/srep42351>, published online 09 February 2017

This Article contains errors in Figure 2 where the labelling of the yellow and blue lines is incorrect and should read 'S₁' and 'S₂' respectively.

In addition,

“Amplitude (A)”

should read:

“Forcing Amplitude (A)”

Furthermore, a display error resulted in the blue S₂ lines being truncated on the right-hand side of the Figure.

The correct Figure 2 appears below as Figure 1.

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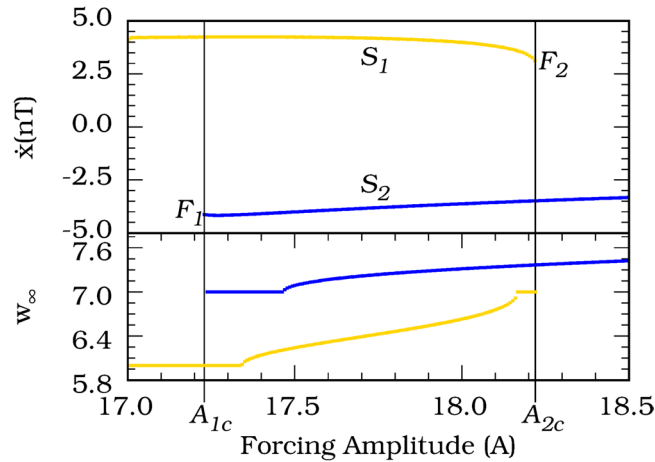


Figure 1. (Upper) Bifurcation diagram of the noise-free ($\sigma = 0$) Duffing oscillator showing a bistability of limit cycles. The different colors, blue and yellow, represent each limit cycle, S_2 and S_1 , respectively. The state variable $\dot{x}(nT)$ is the T -shift map of the limit cycle variable, \dot{x} . The points F_1 and F_2 mark the parameters where catastrophic shift occurs, $A_{1c} = 17.2295$ and $A_{2c} = 8.2250$ are the corresponding critical parameter values. The other system parameters are settled in $d = 0.3$, $\omega = 0.5$. (Bottom) The asymptotic generalized winding numbers, w_∞ , of each limit cycle in the parameter interval. The colors correspond to the respective limit cycles.



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