

Erratum

Erratum to “On the existence of periodic solutions for a class of generalized forced Liénard equations” [Appl. Math. Lett. 20 (3) (2007) 248–254]

M.R. Pournaki^{a,b,*}, A. Razani^{c,b}

^a Department of Mathematical Sciences, Sharif University of Technology, P.O. Box 11155-9415, Tehran, Iran

^b School of Mathematics, Institute for Studies in Theoretical Physics and Mathematics, P.O. Box 19395-5746, Tehran, Iran

^c Department of Mathematics, Faculty of Science, Imam Khomeini International University, P.O. Box 34194-288, Qazvin, Iran

Received 13 September 2007; accepted 13 September 2007

The authors would like to thank Professor Alessandro Fonda for pointing out the error in the statement of the Main Theorem. On pages 1 and 2 “ T -periodic real function” should read “real function”. Also the statement of the Main Theorem should read as follows:

Main Theorem. Suppose f, k , and g are real functions on \mathbb{R} which are locally Lipschitz and p is a nonconstant, continuous, real function on $[0, T]$, $T > 0$. Also suppose all solutions of the initial value problem (1.1) can be extended to $[0, T]$. If there exist real numbers a_1 and a_2 for which $g(a_1) \leq p(t) \leq g(a_2)$ holds for each $0 \leq t \leq T$, then there exists T_0 , $0 < T_0 < T$, such that if p is T_0 -periodic, Eq. (1.1) has at least one T_0 -periodic solution.

DOI of original article: [10.1016/j.aml.2006.06.004](https://doi.org/10.1016/j.aml.2006.06.004).

* Corresponding author at: Department of Mathematical Sciences, Sharif University of Technology, P.O. Box 11155-9415, Tehran, Iran.
E-mail addresses: pournaki@ipm.ir (M.R. Pournaki), razani@ikiu.ac.ir (A. Razani).