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A Supplement to "Infinitesimal Deformation of the Periodic Solution of the Second Kind and its Application to the Equation of a Pendulum", 18 (1954), 183-219.

By

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p. 200, line 9. After "$\alpha \to \alpha' - 0$." insert "For, if the periodic solution tends to a periodic solution $z = z(\theta, \alpha')$ not capable of positive continuation as $\alpha \to \alpha' - 0$, then it must be that $z = z(\theta, \alpha')$ has the half stability and moreover is capable of negative continuation, since, by §8, there exists no continuum of periodic solutions for $\alpha' > 0$ and, by §6, $I > 0$ for $x = x(\theta, \alpha') = 1/z(\theta, \alpha')$. Then, for α such that $0 < \alpha' - \alpha \ll 1$, there exist two periodic solutions. This is contrary to the result of §8."