Corrections to the paper
**SOME NONLOCAL RESULTS FOR WEAKLY NONLINEAR
 DYNAMICAL SYSTEMS**

BY

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Some errors have been identified in Section 3 of the above paper. These errors can be rectified as given below and the results are substantially the same as in the original work.

Condition (3.2) should be supplemented by:

$$\lim_{T \rightarrow \infty} T^{-1} \int_0^T F_{1, \dot{q}_1}(q, \dot{q}) dt > 0, \quad q_1(t) \not\equiv 0, \quad \dot{q}_1(t) \not\equiv 0$$

$$F_r(q, \dot{q}_1, \dot{q}_2, \dots, \dot{q}_r, \dot{q}_{r+1}, \dots, \dot{q}_N)$$

$$= -F_r(q, \dot{q}_1, \dot{q}_2, \dots, -\dot{q}_r, \dot{q}_{r+1}, \dots, \dot{q}_N) \quad r = 1, 2, \dots, N.$$

As a result of these additional conditions, all the quantities $k_i(r)$ and $h_i(r)$ are identically zero and with some further minor changes [1] the results are as given.

If furthermore

$$F(q, \dot{q}) \equiv D\dot{q}, \quad D \text{ an } N \times N \text{ constant matrix}$$

then the analysis as given is correct again with k_i and h_i identically zero.

- [1] T. J. Moran, *Stability in the large of nonlinear dynamical systems*, doctoral dissertation, University of Minnesota, Minneapolis, 1969.