

DECLARATION

I hereby certify that the paper entitled **Indirect-based Approach for Optimal Swing up and Stabilization of a Single Inverted Pendulum with Experimental Validation** written by the authors **A. Nikoobin, E. Shahab, A. Ghoddosian** presents the original results of our research activity. We warrant that the above work has not been previously published elsewhere.

_____17 Oct. 2016
Date

Original signature of the first author

Amin Nikoobin

A handwritten signature in blue ink, consisting of a large loop at the top and several horizontal strokes at the bottom.

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