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 **ABSTRACT**

This work made for analyzing the finite-time stability of impulsive nonlinear delay damped system with caputo fractional derivative of orders α1 ∈ (1,2] and α2 ∈ (0,1]. Sufficient conditions which are derived from extended form of Gronwall’s inequality to analyze the stability in the finite range of time for such multi-term fractional-order impulsive control system. The potential of the proposed approach is demonstrated with the support of two numerical examples.