

## عنوان مقاله:

Tracking Controller Design and Analysis for RTAC Using Input/Output Feedback Linearization Approach

## محل انتشار:

چهارمین کنفرانس مهندسی برق و الکترونیک ایران (سال: 1391)

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## خلاصه مقاله:

The Rotational/Translational Mass Actuator system represents a translational oscillator and an attached rotational mass. The RTAC system presents a convenient testing platform for the advanced control methods. The purpose of this paper is designing a controller by using of input/output linearization approach of feedback linearization method for reference tracking of RTAC system. Finally, the effect of sensor noise, disturbance and parametric uncertainties on the controller performance will be investigated.

## کلمات کلیدی:

component; RTAC; controller design; input/output linearization; feedback; track in

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/164313>

