



Aplicación de controladores en el diseño de una plataforma experimental [

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text (article)

Analítica

In the following paper a mechanical analysis of a seesaw system is developed, different forces that are involved in it to obtain the angle of inclination of the main bar are studied. Based on this information, a transfer function is proposed, to which three different controllers are applied and the most efficient response between them is sought. The classic control methodologies applied are advanced delay, PID and algebraic, the ITAE method is used to tune the expected poles and finally the IAE method is implemented to each controller to know the degrees of error of each one

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