

Flight Dynamic Analysis of Radio-Controlled Helicopter

By

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Abstract

The flight dynamics of a radio-controlled helicopter was analyzed in order to develop a stability augmentation system (SAS) for a safer flight control system. Experimental results are also shown to validate the validation of our approach. Data for a successful flight have been obtained and the scenery of the flight test is given at the same time.

Keywords: Radio Control, Helicopter, Flight Dynamic Analysis, Pitch Damping, Flight Experiments

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