

## Twin Rotor MIMO System (Helicopter)



The Twin Rotor Helicopter is used to demonstrate control of a MIMO (Multiple Input Multiple Output) system. It consists of a vertical and a horizontal rotor fixed to an arm which can rotate about both a vertical axis and a horizontal axis.

As in a real helicopter, two rotors are required for stable operation to counter the reaction on the helicopter body of changes in the angular momentum of the main rotor.