

# Encoding Fuzzy Controller of Induction Motor

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**Abstract:** Direct torque control using fuzzy logic is becoming one of the popular techniques to control induction motor. It results in optimal control of torque and flux thereby increasing the efficiency of the motor. A fuzzy controller has been designed and encoded to enable easy on-line implementation of the controller. A very simple method has been devised to encode a fuzzy controller output, designed for direct torque control of induction motor.