ROBOT MOVEMENT

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FINAL REPORT OF DIPLOMA PROJECT

ROBOT MOVEMENT

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ABSTRACT

For KEU 380 in Department of Electrical Engineering (Instrument), the final project that has been done is robot movement. The robot must move from one point to another point as in the project rules, used it arm to grid thing and put from point B to point C, used the PIC programming to make sure the robot can speech, can acknowledge everyone about thing that it do at every point and also when to move and stop.

In this project, the body of the robot must be built by steel structure and make sure the robot can move from one point to another point using a power window. To make the robot move, program of PIC must be used to program the IC to make the wheel rotate. When the wheel can rotate, the robot can turn left or right as was demand. The used of sensor is to make sure that the robot get a sign when to stop, move and turn left or right at every point. Used the timer to be made sure the robot will stop at every point for 5 sec.

To know further about this project, a few in formations are included in this final report.

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