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## And Automation

The robotic arm is a common project in the field of control systems. It's a project in which a mechanical arm is controlled using servo motors. Each joint in the arm are connected to and controlled by a motor. The number of joints and the degree of motion can be decided according to your convenience.

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System can cost millions of dollars to design, fabricate, and install), a higher level of maintenance needed than with a manually operated machine, and a generally lower degree of flexibility in terms of the possible products as compared with a manual system (even flexible automation is less flexible than humans, the most versatile machines of all).

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Control systems is the part

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that makes the robot's joints, or wheels, or what have you, follow a commanded position, speed, etc.

Control systems is broader, in the sense that you can control any kind of system-- doesn't have to be mechanical, and can be much more complex than most robotic components.

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improvements in data-storage technology and software to write computer programs, advances in sensor technology, and the derivation of a mathematical control theory. All these developments have contributed to progress in automation ...

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Robotic control is the system that contributes to the movement of robots. This involves the mechanical aspects and program systems that makes possible to control robots. Robotics could be controlled in various ways, which includes using manual control, wireless control, semi-autonomous, and fully autonomous. In the present day, as technological advancements progress, the robots and its methods of control continue to develop and advance.

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