



CONTROL METHODS

NON SERVO CONTROL

- Implemented by setting limits or mechanical stops for each joint and sequencing the actuation of each joint to accomplish the cycle
- E Mnd point robot, limited sequence robot, bang- bang robot
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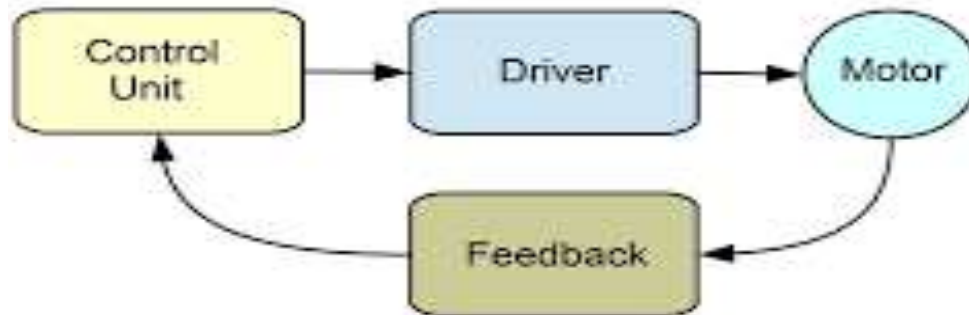


OPEN LOOP AND CLOSED LOOP CONTROL

Open Loop Control System



Closed Loop Control System





Difference Between OLCS & CLCS

Open Loop Control System

1. The open loop systems are simple & economical.
2. They consume less power.
3. The OL systems are easier to construct because of less number of components required.
4. The open loop systems are inaccurate & unreliable

Closed Loop Control System

1. The closed loop systems are complex and costlier
2. They consume more power.
3. The CL systems are not easy to construct because of more number of components required.
4. The closed loop systems are accurate & more reliable.

