

ME 6102: Design of Mechatronic Systems

Selection of Actuator



P.S. Gandhi
Mechanical Engineering
IIT Bombay

PRASANNA S GANDHI,
gandhi@me.iitb.ac.in

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Criteria for Selection of Actuator

Power requirement calculations based on applications specifications given

- One way is to simulate everything and arrive at
- Another way is to see overall power required and plan for that. Also we need to estimate max torque/force required to be produced by actuator
- Method of path planning and using that information to estimate power and torque
- Accounting for friction while estimating.

More details discussed in class

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