

# INVERTED PENDULUM STABILIZATION

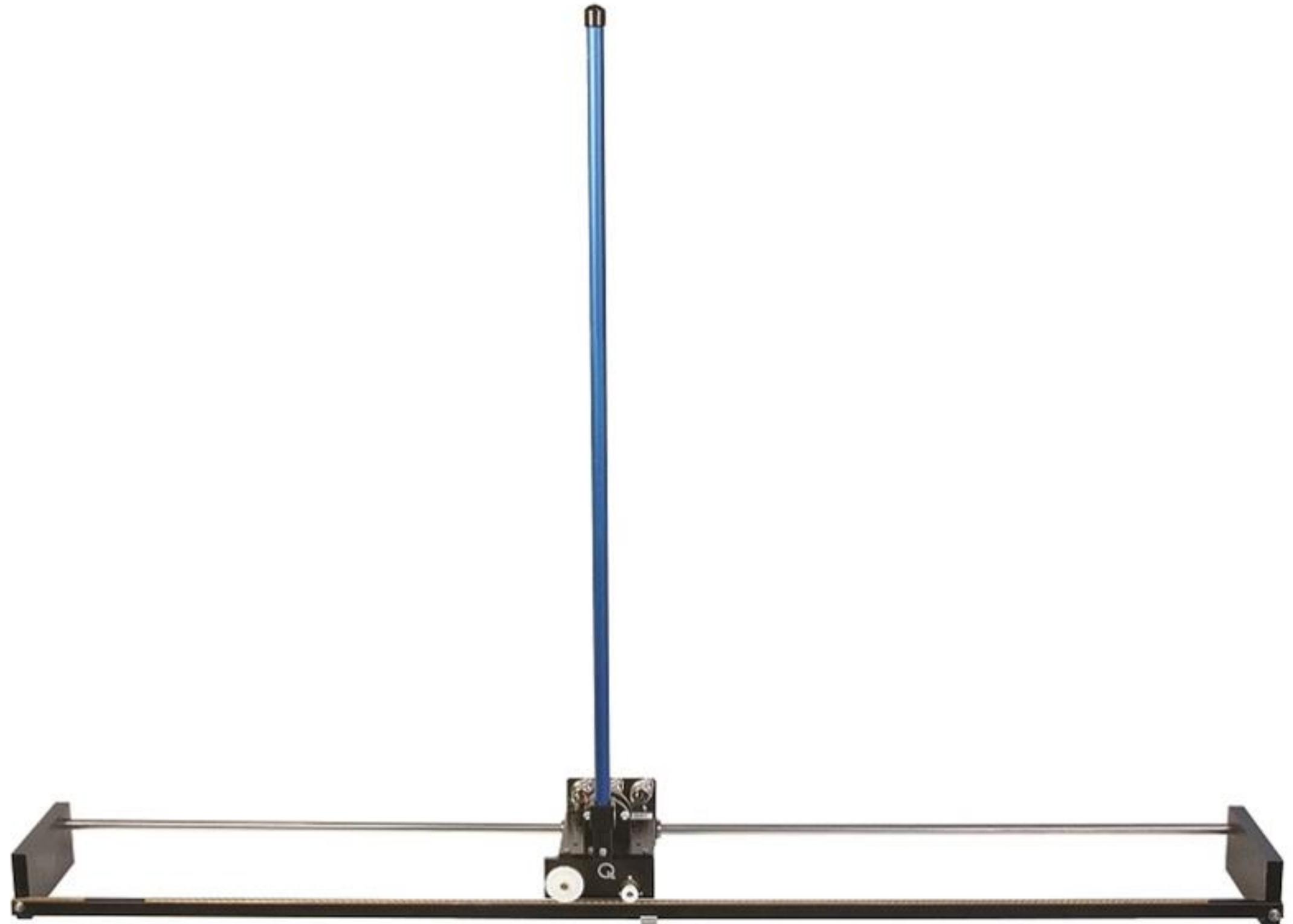
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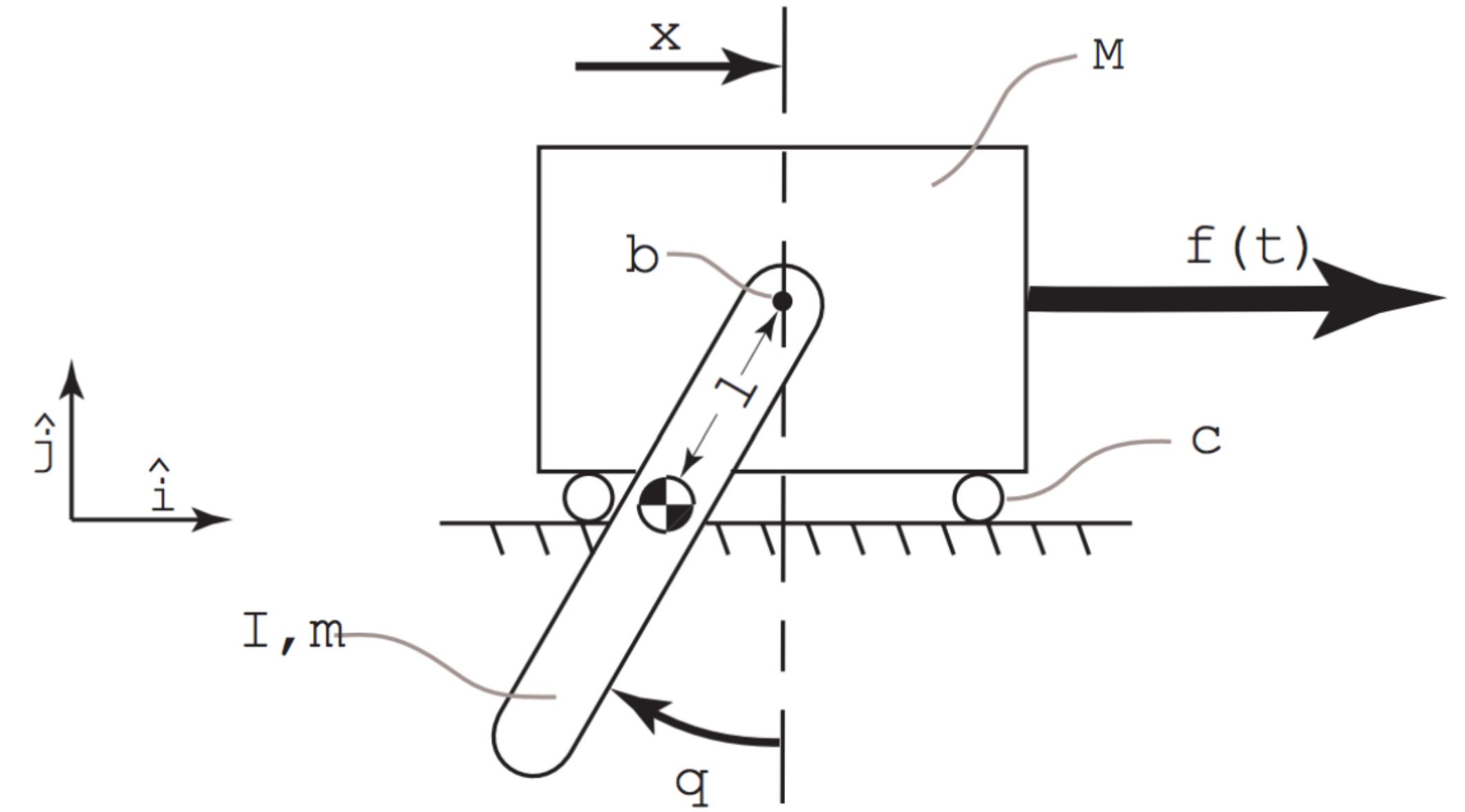
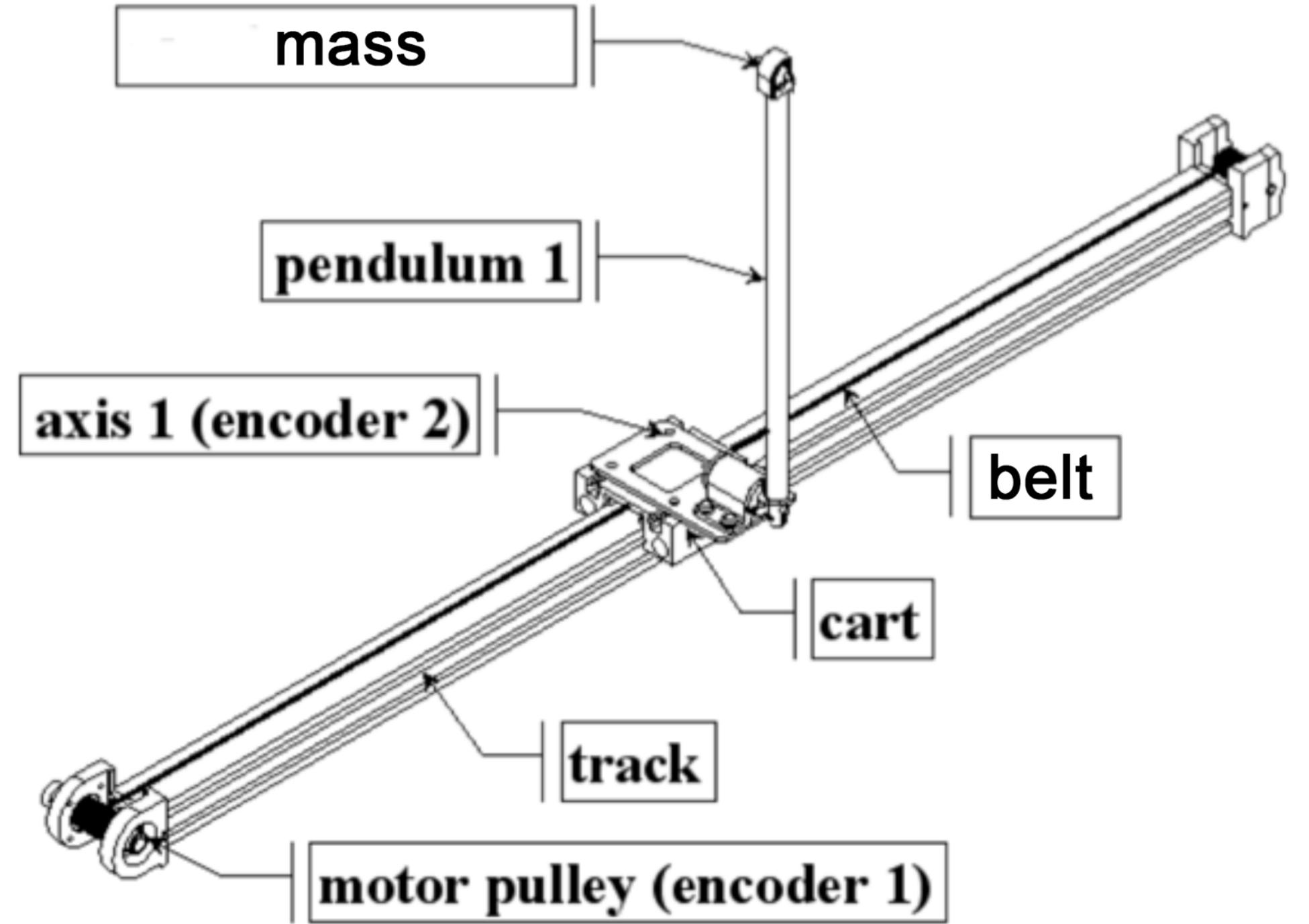
PRANAV BAJORIA  
VICTOR FIGUEROA

# OVERVIEW

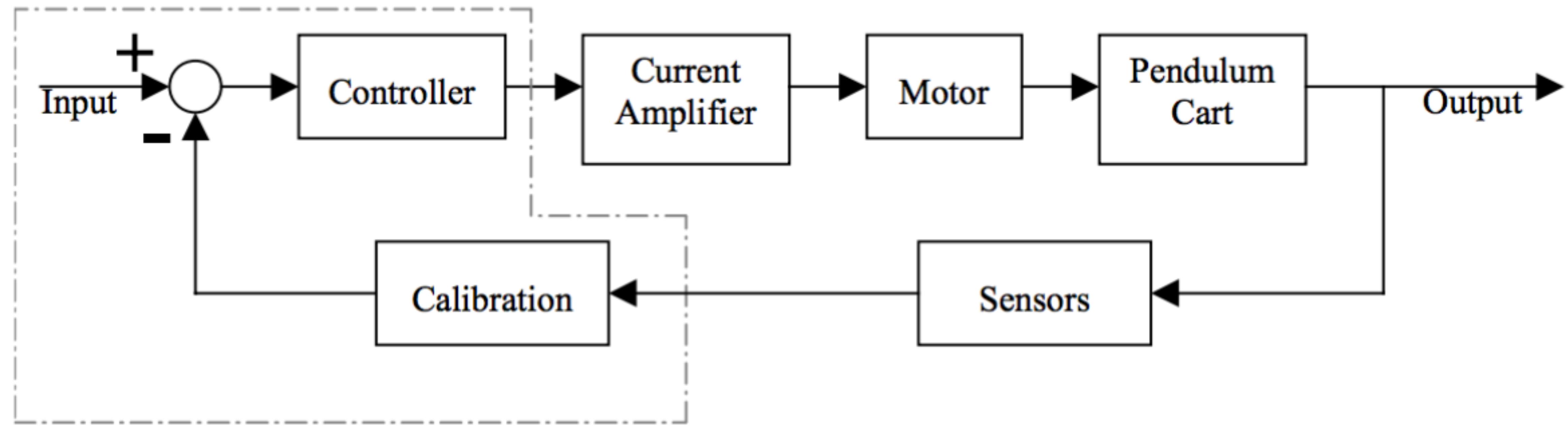
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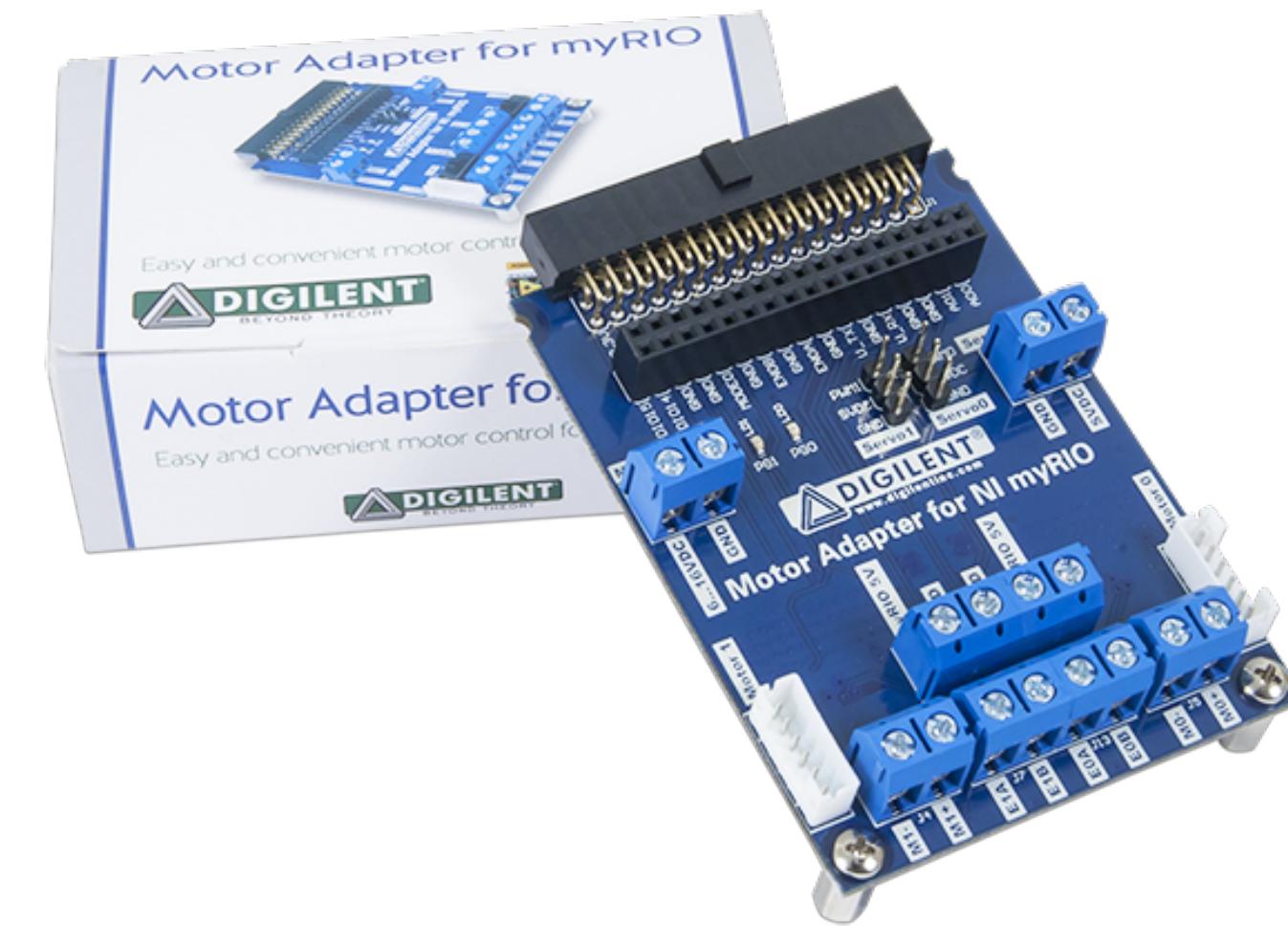
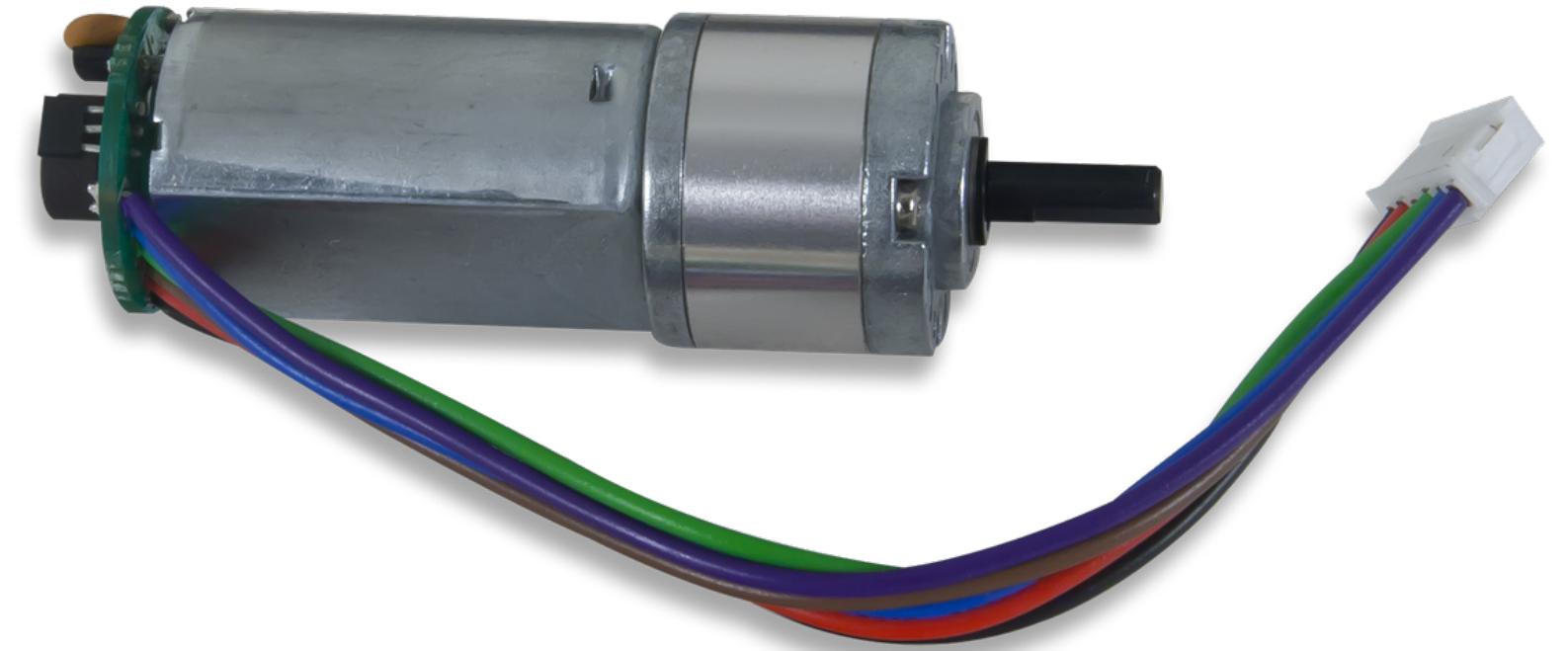
The aim of this project is to stabilize the Inverted Pendulum such that the position of the carriage on the track is controlled quickly and accurately so that the pendulum is always erected in its inverted position during such movements.



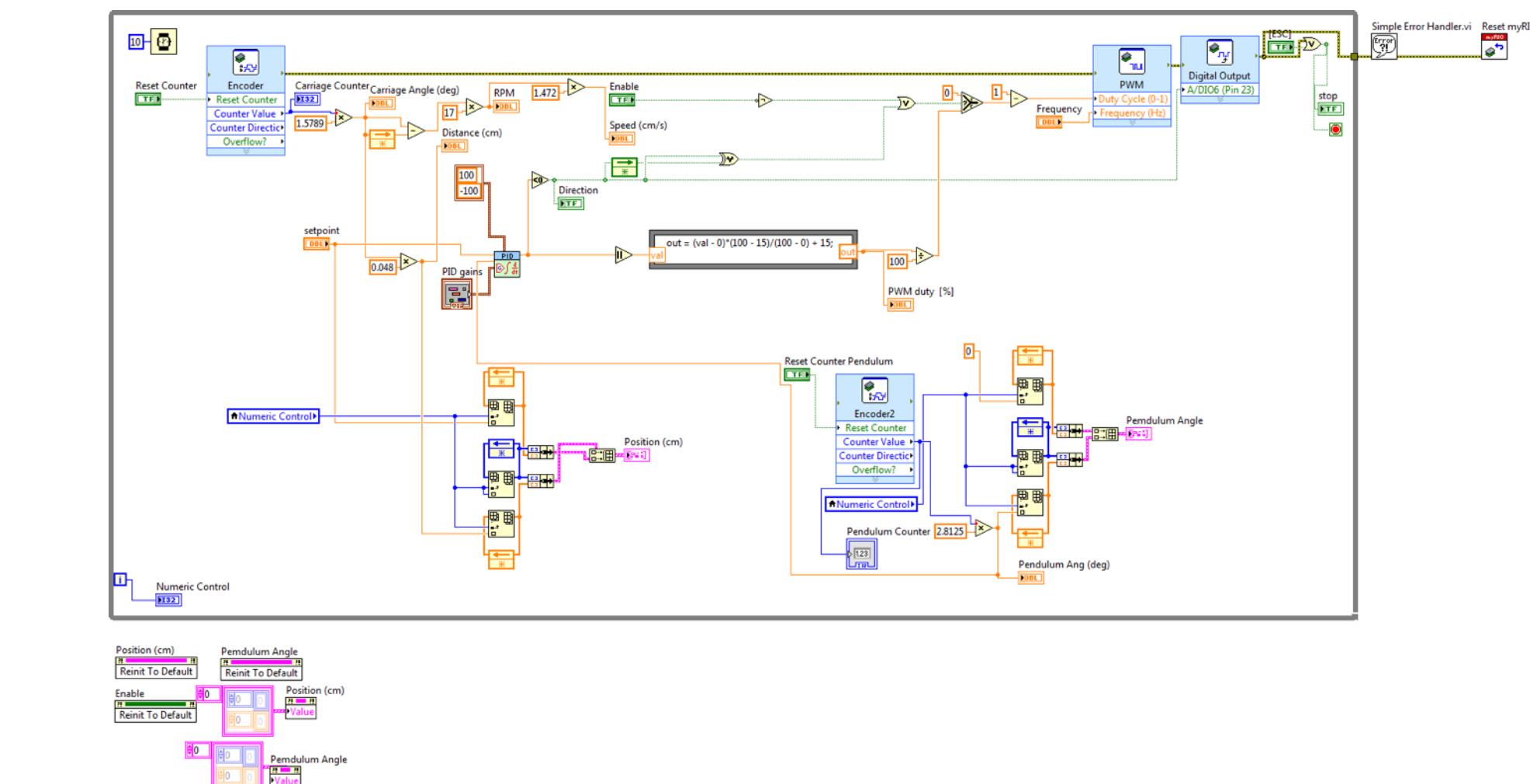
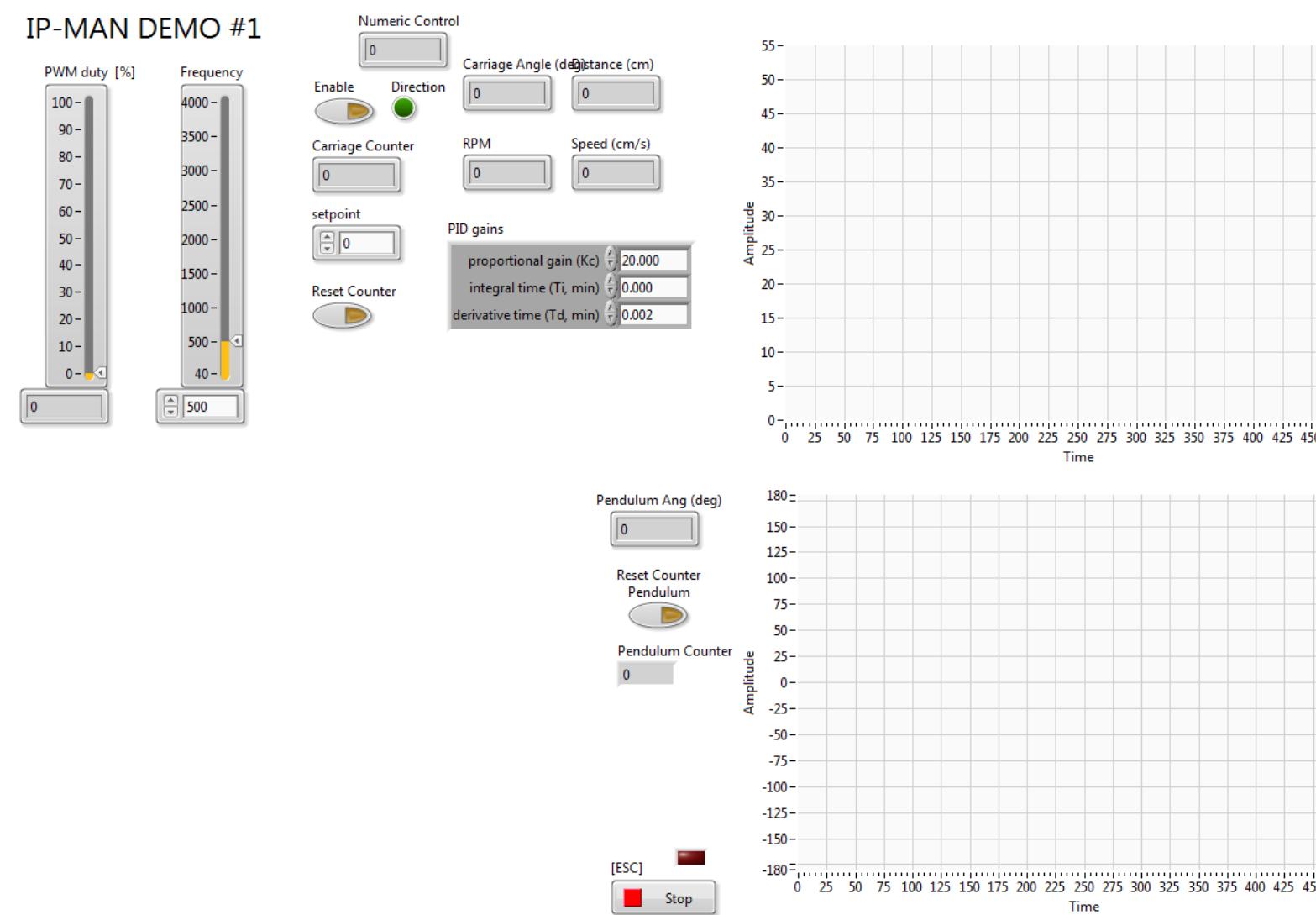
**SKETCH & DYNAMIC**



## BLOCK DIAGRAM



# BOARD, SENSORS & ACTUATORS



# DEMO IMPLEMENTATION

# QUESTIONS?

THANK YOU

