

Lab 6: Ball Sorting Contest

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I. HARDWARE AND SOFTWARE DESIGN

LINE following is a classic robotics problem
The hardware required for this challenge
The software design for this challenge

$$P_{motor} = \frac{P_{max} - P_{min}}{I_{max} - I_{min}} I_{sensor} + offset \quad (1)$$

II. PROBLEMS ENCOUNTERED

III. SOLUTIONS

IV. UNSOLVED PROBLEMS