For switch case

\[ \frac{1}{2} \text{ Bridge: } W(t) = 2d - 1 \]

\[ \text{Pulse Code to } M(t) \]
\[
\delta u (t) = \delta v (t) = \sqrt{1 - \frac{v}{c}} \sqrt{1 - \frac{u}{c}} \frac{v}{c}
\]
\[ \frac{V_s + S_L}{V_{E5} - V_{E5}} = \frac{1}{10^3} \]

Current Regulator (Single Phase)
\[ I = \text{Sms (C,005)} \]

- Project Switching device
- Lo wait times Fast to desirable
- Response from constant
- \( \frac{1}{E' L} \) between conductors

Determine Gains
\[ K_P = 0.138 \]
\[ K_i = 1.17 \]
\[ K_D = 0.0588 \]

\[ L = 0.69 \text{ m} \]