Physical Human Robot Interaction

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Implement the SISO Four-channel bilateral teleoperation architecture with

$$C_m = B_m + \frac{K_m}{s} \quad C_s = B_s + \frac{K_s}{s}$$

$$Z_m^{-1} = \frac{1}{M_m s + D_m} \quad Z_s^{-1} = \frac{1}{M_s s + D_s}$$

where Mm = 0.5, $M_s = 2$. Moreover $D_s = 10$ and $D_m = 5$ or both zero in the initial case.