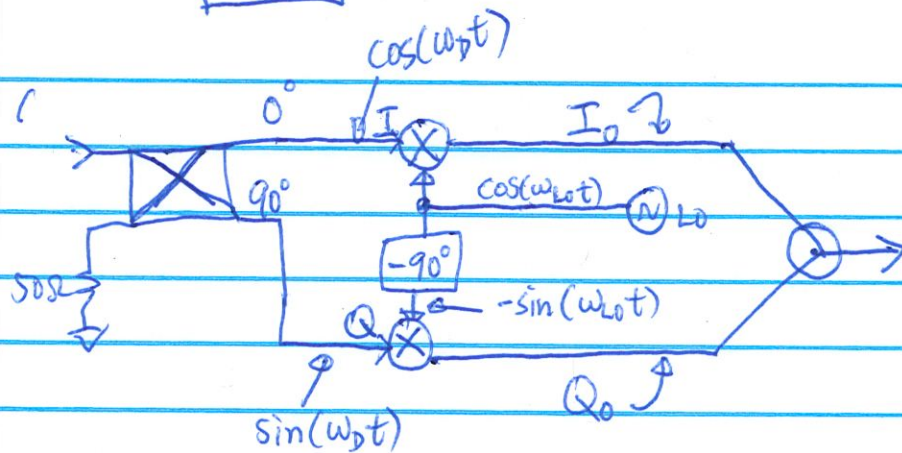
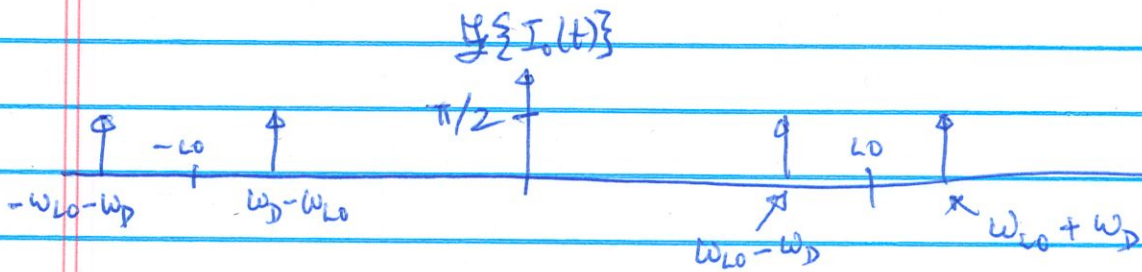
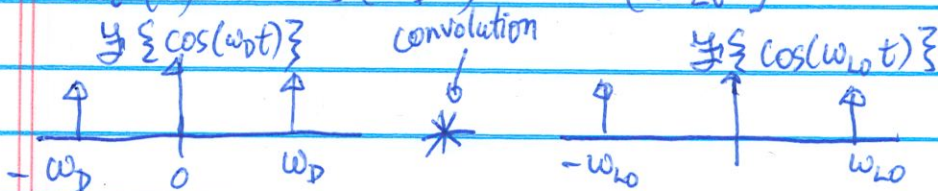


USB

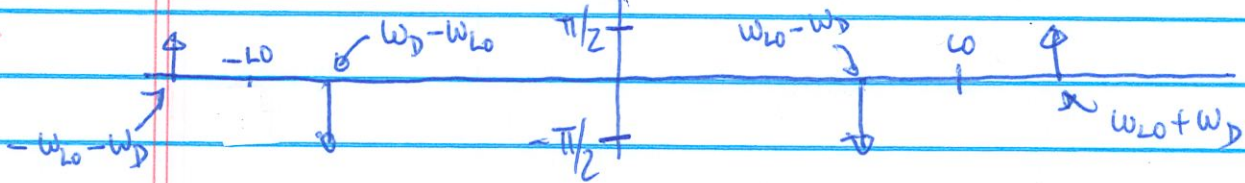
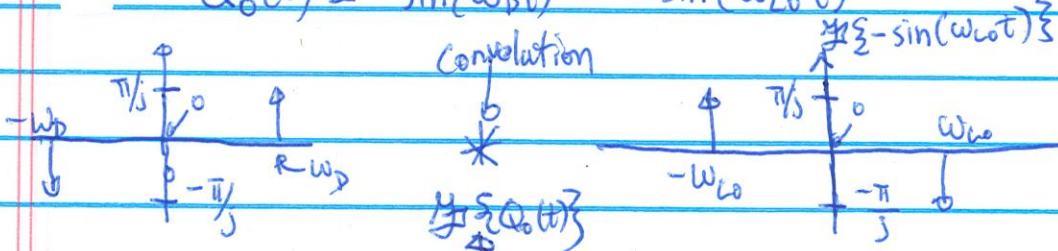
99/1

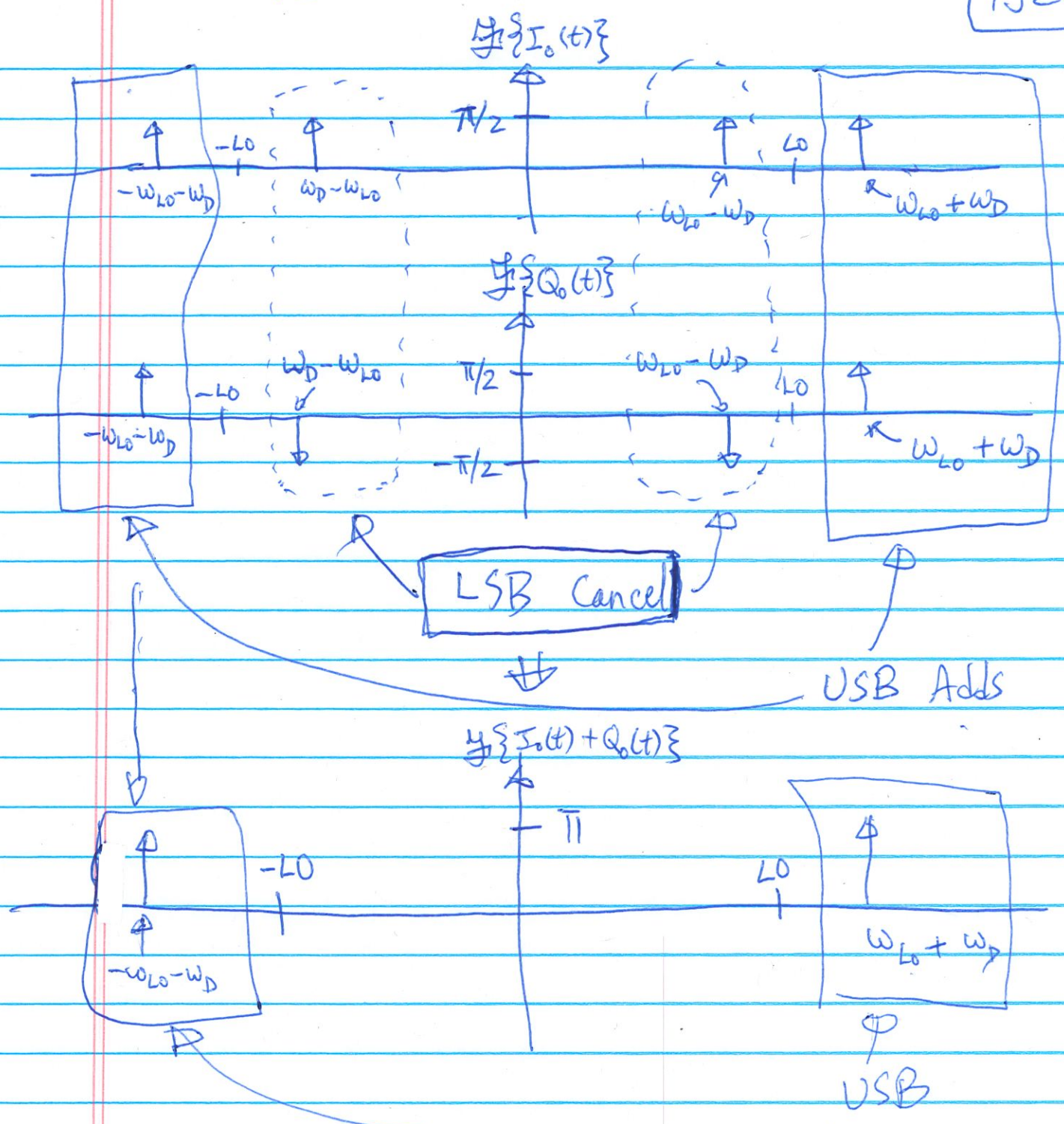
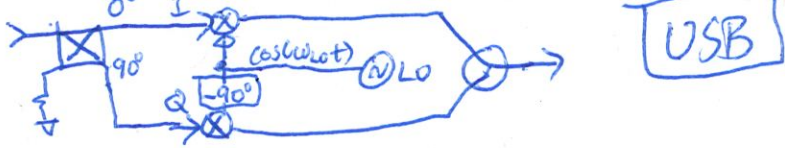


$$I_o(t) = \cos(\omega_p t) \cdot \cos(\omega_{lo} t)$$



$$Q_o(t) = \sin(\omega_p t) \cdot -\sin(\omega_{lo} t)$$





LSB cancelled
 USB when $L0 = -\sin(\omega_{LO} t)$

No frequency inversion