Lab 3

3.1 hints

Device Precision $P_{x_L} = \frac{LC}{4}$

$$\sigma = \nu \bar{E}$$

3.3 hints

$$x_D = \bar{x} - |Z|\sigma_x \qquad (\sigma_x = \nu \bar{x} \text{ or})$$

$$\therefore \quad x_D = \bar{x} - |Z|\nu\bar{x}$$

$$\therefore \quad \bar{x} = \frac{x_D}{1 - |Z|\nu}$$