PCX

$$\begin{array}{c} 100 \\ \times \end{array}$$

$$P(x) = \sum_{i=0}^{3.1} Y_i \quad L_i(x) =$$

$$= Y_0 \cdot L_0(x) + Y_1 \cdot L_1(x) \cdot -$$

$$= 20c$$

$$= \frac{X - X_1}{X_0 - X_1} \cdot \underbrace{\frac{X - X_2}{X_0 - X_2}} \cdot \underbrace{\frac{X - X_3}{X_0 - X_3}} = \underbrace{\frac{X - 30}{0 - 30}} \cdot \underbrace{\frac{X - 100}{0 - 100}}_{0 - 100}$$