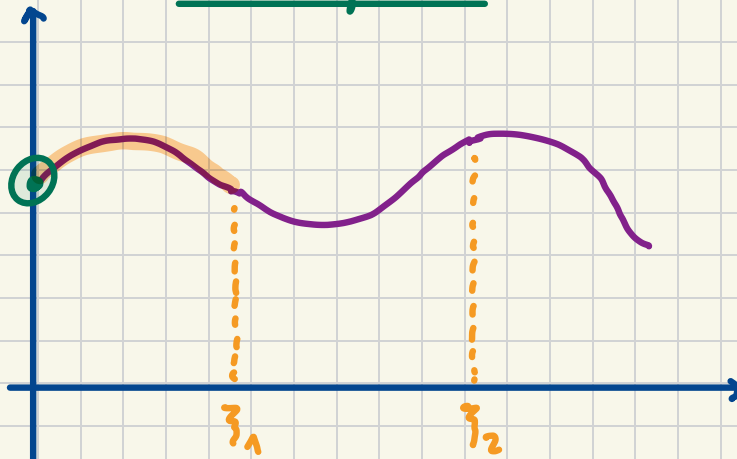


## Cubic Splines.

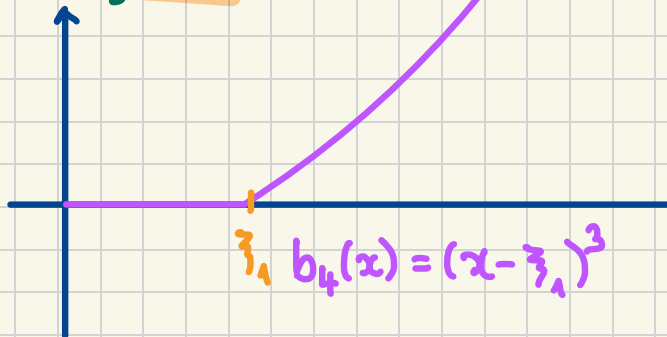


$\beta_0$

$$b_1(x) = x$$

$$b_2(x) = x^2$$

$b_3(x) = x^3$



$$\xi_1 \quad b_4(x) = (x - \xi_1)^3$$

$$P(x) = a_0$$

$$+ a_1 \cdot x$$

$$+ a_2 \cdot x^2$$

$$+ a_3 \cdot x^3$$