$$L_{n,j}(x) = \prod_{i=0,\, j \neq i}^{n} \frac{x - x_i}{x_j - x_i}$$

$$L_{2,0}(t) = \prod_{i=0,\, i \neq 1}^{2} \frac{t - t_i}{t_0 - t_i} = \frac{t - t_1}{t_0 - t_1} \cdot \frac{t - t_2}{t_0 - t_2}$$

$$h = t_{n+1} - t_n$$

$$L_{2,1}(t) = \frac{t - t_0}{t_1 - t_0} \cdot \frac{t - t_2}{t_1 - t_2}$$

$$L_{2,2}(t) = \frac{t - t_0}{t_2 - t_0} \cdot \frac{t - t_1}{t_2 - t_1}$$