$$M_{0}=0 \quad M_{1}=0 \quad \text{All } \lambda_{1} \cdot M_{0}+2M_{1}+(1-\lambda_{1})M_{2}=6f[t_{0},t_{1},t_{2}]$$

$$\lambda_{k}=\frac{\lambda_{k}}{\lambda_{k}+\lambda_{k+1}} \int_{\lambda_{k}=+k-t_{k-1}}^{\lambda_{k}=+k-t_{k-1}} 0$$

$$6f[-1,0,1]=6\cdot(-4)=-24 \quad 2M_{1}=-24=) \quad M_{1}=-12 \quad k_{0}=k_{1}=k_{2}=1$$

$$\frac{1}{4} (4) = \frac{1}{6} \pi_0 \cdot (-4)^3 + \frac{1}{6} \pi_1 \cdot (4)^3 + (-1 - \frac{1}{6} \pi_0) \cdot (-4) + (2 - \frac{1}{6} \pi_1) (4) = \frac{1}{6} \pi_1 (4)^3 + 4 + (2 - \frac{1}{6} \pi_1) \cdot (4)^2 = -2 (4 + 1)^3 + 4 + (2 + 2)(4 + 1) = -2 (4 + 1)^3 + 5 \times 4 = -2 + 3 - 6 + 2 - 6 \times 2 + 5 + 4 = -2 + 3 - 6 + 2 - 2 + 2$$

$$f_{2}(+) = \frac{1}{6}M_{1} \cdot (1 - x)^{3} + \frac{1}{6}M_{2} \cdot (x - 0)^{3} + (2 - \frac{1}{6}M_{1}) \cdot (1 - x) + (-3 - \frac{1}{6}M_{2}) \cdot (x - 0) = -2(1 - x)^{3} + (2 + 2)(1 - x) + (-3) \cdot x =$$

$$= -2(1 - 3x + 3x^{2} - x^{3}) + 4 - 4x - 3x = 2x^{3} - 6x^{2} + 6x - 2 + 4 - 7x =$$

$$= 2x^{3} - 6x^{2} - x + 2$$