

2.

$$M_{3,2} = \frac{2}{2-1} \left[\frac{x - \tau_3}{\tau_5 - \tau_3} M_{3,1} + \frac{\tau_5 - x}{\tau_5 - \tau_3} M_{4,1} \right]$$

$$M_{3,1} = \frac{1}{\tau_4 - \tau_3} M_{4,1} = \frac{1}{\tau_5 - \tau_4}$$

$$M_{3,2} = \frac{2}{2-1} \left[\frac{x - \tau_3}{\tau_5 - \tau_3} \frac{1}{\tau_4 - \tau_3} + \frac{\tau_5 - x}{\tau_5 - \tau_3} \frac{1}{\tau_5 - \tau_4} \right]$$

$$M_{3,2} = 2 \left[\frac{x - 0}{2 - 0} \frac{1}{1 - 0} + \frac{2 - x}{2} \frac{1}{2 - 1} \right]$$

$$M_{3,2} = 2 \left[\frac{x}{2} + 1 + \frac{2 - x}{2} \right]$$

$$= 2$$