





$$y(\frac{1}{2}) = 3 \cdot y_{1} \cdot \frac{1}{2} + (3y_{5} - 6y_{2}) \cdot \frac{1}{4} + (3y_{2} - 3y_{3}) \cdot \frac{1}{8} = 1$$

$$\frac{3}{2} \cdot y_{2} + \frac{3}{4} \cdot y_{3} - \frac{3}{2} \cdot y_{2} + \frac{3}{3} \cdot y_{3} - 1 = 0$$

$$\frac{3}{8} \cdot y_{3} + \frac{3}{8} \cdot y_{2} = 1 = 7 \cdot \frac{3}{8} \cdot y_{3} - 1 = 0$$

$$\frac{3}{8} \cdot y_{3} + \frac{3}{8} \cdot y_{2} = 1 = 7 \cdot \frac{3}{8} \cdot y_{2} = 1 - \frac{3}{8} \cdot y_{2} = 7 \cdot y_{3} = \frac{8}{8} \cdot (1 - \frac{3}{8}) \cdot y_{2} = 7$$

$$= 7 \cdot y_{3} = \frac{8}{8} - y_{2} - 9 \cdot \text{any linear combination}$$
of $y_{2} \cdot \text{and} \cdot y_{3} \cdot \text{of this form will satisfy}$
for any $y_{2} \cdot \text{the Bezier curves would be}$

$$x(t) = -1 + 6 + 2 - y + 3 \cdot y_{2} + (3(\frac{8}{3} - y_{2}) + 6y_{2}) + 2 + (3y_{1} - 3(\frac{8}{3} - y_{2})) + 3 - 1 \cdot y_{2} + (3y_{2} - 1 + 6 + 2 - y + 3) - 1 \cdot y_{2} + (3y_{2} - 3y_{2}) + 3 - 1 \cdot y_{$$