

$$5 + 3x = 0$$

$$5 + 3x = 0$$

$$3x = 5$$

$$5 + 3x = 0$$

$$3x = 5$$

$$x = \frac{5}{3}$$

$$f_1 = x^2 - 5x + 6$$

$$f_2 = x^2 - 3x + 2$$

$$M = \begin{bmatrix} 1 & -5 & 6 & 0 \\ 0 & 1 & -5 & 6 \\ 1 & -3 & 2 & 0 \\ 0 & 1 & -3 & 2 \end{bmatrix}$$

$$\Delta(M) = 0$$

$$f_1 = p_3 (p_2 - 1) (4p_3 - 5p_4 + 5)$$

$$f_2 = -p_1 p_3 (4p_3 - 5p_4 + 5)$$

$$f_3 = -(p_2 - 1) (p_4 - 1) (5p_1 - 6p_2 + 6)$$

$$f_4 = p_3 (p_2 - 1) (5p_1 - 6p_2 + 6)$$

**Resultant**  
**link**