K:45

$$\int_{0}^{4} x^{4} + x^{3} - x^{2} + \lambda x + y \in C[x]$$

$$x_{1} \times x_{2} = x_{3} \times y$$

$$| x_{1} \times x_{2} + x_{3} + x_{4} + y = -1$$

$$x_{1} \times x_{2} + x_{1} \times x_{3} + x_{2} \times y + x_{2} \times x_{3} + x_{4} \times x_{3} \times y = -1$$

$$x_{1} \times x_{2} \times x_{3} + x_{1} \times x_{2} \times y + x_{2} \times x_{3} \times y \neq x_{1} \times x_{2} \times y = -1$$

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$$x_{1} \times x_{2} \times x_{3} \times y = -1$$

$$(=)$$

$$2 \times 4 \times 4 \times 4 \times 4 \times 2 = -(1 + x_1 + x_2)$$

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$$(= -1 + x$$

$$\begin{array}{c} X_{1} + X_{2} + X_{3} + X_{4} + X_{2} = 4 \\ X_{1} + X_{2} = \lambda \\ X_{2} = \pm 3 \end{array}$$

$$X_1X_2=\pm 3$$

$$\begin{cases} X_{7} + X_{2} + X_{3} = 0 \\ X_{7} \times 2 + Y_{7} X_{3} + X_{2} X_{5} = 9 \\ X_{7} \times 2 \times 3 = -9 \end{cases}$$

$$\frac{X_{1}X_{2}}{X_{3}+5} = \frac{X_{1}X_{2}(X_{1}+5)(X_{2}+5)}{(X_{3}+5)(X_{2}+5)(X_{1}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5)X_{2}+15}{(X_{3}+5)(X_{2}+5)(X_{1}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{2}+5)(X_{1}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)X_{1}+5}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)(X_{1}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)(X_{1}+5)(X_{1}+5)}{(X_{1}X_{2}+5)(X_{1}+5)(X_{2}+5)(X_{1}+5)} = \frac{X_{1}X_{2}(X_{1}X_{2}+5)(X_{1}$$

$$\int_{1=1}^{3} X_{1} + 5 = (X_{1} + 5)(X_{2} + 5)(X_{3} + 5) = X_{1}X_{2}X_{3} + 5X_{1}X_{2} + 5X_{1}X_{3} + 5X_{1}X_{2} + 25X_{3} + 25X_{3} + 25X_{3} + 125 = 1$$

$$= -1 + 5p + 125 = 1$$

$$\cdot S = M \cdot \left( \sum_{1 \le i < j \le 3} x_i^2 x_j^2 + 5 q + 25 x_i x_j^2 \right) =$$

$$=M(159+25P+\frac{3}{27})$$

$$\frac{2}{5} = \frac{2}{5} = \frac{2$$

0=410x; )= x = 2x+3=7 x = 2x-3 3.00 de 3) f=x3.2x+3

=7 g=y3+gy2+1gy+24

$$y = \frac{7 - c_{1}y_{1}}{x_{1} + x_{2} + x_{3} + x_{4}x_{3} + x_{2}x_{3} = -7}$$

$$x_{1}x_{2} + x_{1}x_{3} + x_{2}x_{3} = -7$$

$$y_1 = x_1^3 = 2x-3$$
  
 $y = y_3^3 + Ay^2 + By + C$   
 $y_1 + y_2 + y_3 = A$ 

$$-A = \sum_{j=1}^{3} 2x_{j}^{2} - 3 = -g + 2 \sum_{j=1}^{3} x_{j}^{2} = -g = 2 A = g$$

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$$B = \begin{cases} (2x_{1}-3)(2x_{1}-3) = \begin{cases} (2x_{1}-3)(2x_{1}-3) = \begin{cases} (2x_{1}-3)(2x_{1}-3) = \\ (2x_{1}-3)(2x_{1}-3) = \end{cases} \end{cases}$$

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-C = [2Xi-3 = 28 X1 X2 X3 4 - 72 X1 X2 - 72 X2 X3 - 12 X1 X3 + 18 X1 + 18 X2 + 18 X3 = 27 =-24+24-27=-24