

$$5x_1 + 2x_2 + 3x_3 -$$

$$x_4 - 4x_5 + 5x_6 + \\ 7x_7 + 3x_8 - 6x_9 -$$

$$2x_{10} - 5x_{11} = 7634 \quad (1)$$

$$f(x,y)=h\left[\frac{1}{2}(x+y)+x^2+y^3\right. \\ \left.+\frac{1}{3}z^2\right] \quad (2)$$

$$\begin{aligned} f(x) &= x^3 + 2x^2 - 5x + 10 \\ &= (2)^3 + 2(2)^2 - 5(2) + 10 \\ &= 16 \end{aligned}$$