$$(x^2 + \frac{2}{x})^6 = \sum_{i=0}^6 C_6^i (x^2)^i (\frac{2}{x})^{6-i}$$
 常数项 $2i = 6 - i \Rightarrow i = 2$ 即: $C_6^2 x^4 (\frac{2}{x})^4 = \frac{6!2^4}{2!4!} = \frac{6 \times 5 \times 16}{2} = 240$