





5. Solution:

$$(\gamma)(a) \quad h(e) = \frac{[d \otimes e]}{dt} + \frac{gn \Rightarrow xt}{xt} = \chi_1(gw) = jw, \quad \chi_2(gw) = jw$$

$$= \frac{1}{20} \int_{-30}^{30} W^{2} d\omega$$

$$= \frac{1}{20} \cdot \frac{W^{3}}{3} \Big|_{-30}^{30}$$

$$= 92^{2}$$

$$|b'|(c) \quad |b| \leq |b| \times |b| = |a| \times |a| \times$$

: $y_{(4)} = \frac{1}{2} 9112xt$.