2T= 2KM = 4xm 17 = 21 N 4KN

T= 41

$$f_{e}(t) = \frac{1}{2}(t - t)$$

$$f(t)$$

$$f(t)$$

$$f(t) = \frac{1}{2}(t - t)$$

作のう (1)
$$\chi(t) = |+t+t^2+t^3$$

 $\chi(-t) = |-t+t^2-t^3$
(名閏数 $f(t) : \frac{1}{2}(\chi(t) + \chi(-t))$
 $= (+t^2)$
哲関数 $f(t) = \frac{1}{2}(\chi(t) - \chi(-t))$
 $= \frac{1}{2}(|+t+t^2+t^3-|+1|)$
 $= \frac{1}{2}(|-t+t^3-|+1|)$
 $= \frac{1}{2}(|-t+t^3-|+1|)$

新聞教
$$t_{o}(t) = \frac{1}{2}(\chi(t) - \chi(-t))$$

= $\frac{1}{2}(1+t+t^{3}-|+t-t^{2}+t^{3})$
= $\frac{1}{2}(2+t+2+t^{3})$

(2) ((t)= cost + sint + 2 sint cost t (-t) = cost - sint - 2 sint wst

$$|A| = \frac{1}{2} (st - sint - sin2t)$$

$$= \frac{1}{2} (2 \cos t)$$

$$= \frac{1}{2} (2 \cos t)$$

$$= \frac{1}{2} (2 \cos t)$$

$$= \frac{1}{2} (2 \sin t)$$

$$= \frac{1}{2} (2 \sin t + 2 \sin 2t)$$

$$= \sin (\frac{1}{2} t + \frac{1}{2} t) + \sin (\frac{1}{2} t - \frac{1}{2} t)$$

$$= 2 \sin \frac{1}{2} t \cos \frac{1}{2} t$$