題打 = 6
$$a_s = \frac{1}{3}$$
 $a_t = \frac{1}{3}$
 a_t

3.30.解: (a) 配知。得
$$a_0 = t_{2-(4)} = 1$$

$$a_1 = a_1 = \frac{1}{2}$$
(b) 由已知。得
$$b_1 = b_1^{+} = \frac{e^{-\frac{1}{2}}}{2}$$
(c) $z[n] = x[n] y[n] = FS \Rightarrow C_0 = \frac{1}{2} u_1 b_2 1$
得
$$C_0 = \frac{cos\frac{\pi}{2}}{2}$$
(d) 由己知得
$$z[n] = sin(\frac{2\pi}{2}n+\frac{\pi}{2}) + sin(\frac{2\pi}{2}n+\frac{\pi}{2}) \cos(\frac{2\pi}{2}n)$$

$$= sin(\frac{2\pi}{2}n+\frac{\pi}{2}) + sin(\frac{2\pi}{2}n+\frac{\pi}{2}) + sin(\frac{2\pi}{2}n+\frac{\pi}{2})$$

$$= sin(\frac{2\pi}{2}n+\frac{\pi}{2}) + sin(\frac{2\pi}$$