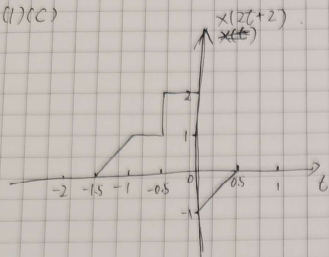
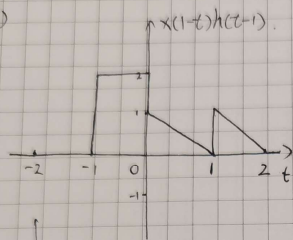


Ch 1.

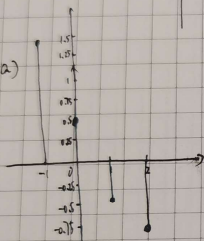
1.1 (1)(c)



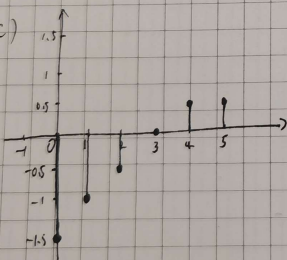
(3)(b)



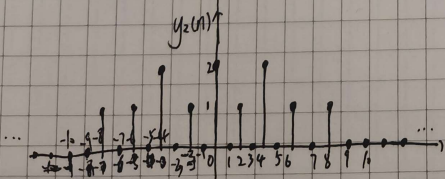
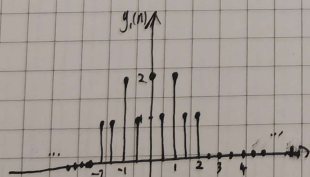
1.2 (3)(a)



(c)



1.4



1.5 (b) 是, 7.

(d) 不是.

(f) 不是.

(g) 不是.

1.7 (1) (a) 正确.  $T_0 x(t) = 2T_0 x(2t)$ .

(b) 正确.  $T_0 x(2t) = \frac{1}{2} T_0 x(t)$ .

(c) 正确.  $T_0 x(t) = \frac{1}{2} T_0 x(\frac{t}{2})$ .

(d) 正确.  $T_0 x(\frac{t}{2}) = 2T_0 x(t)$ .

(2) (a) 正确.  $N_x = 9$ ,  $N_x$  为奇数.

$N_y = 9$ ,  $N_x$  为奇数.

$\frac{1}{2} N_x$ ,  $N_x$  为偶数.

(b) 错误.  $x(n) = [(-1)^n - 1] \cos(n)$ .

(c) 正确.  $N_y = 9$ ,  $N_x = 9$ ,  $N_y = 9$ .

$2N_x$ , otherwise.

(d) 正确.  $N_x = \frac{N_y}{2}$ .