2,2 toe maldood

$$\frac{2}{2} = \frac{2^{2} - e^{-3}}{2^{2}}$$

$$E(2) = \frac{25}{6-2} - \frac{25}{6}$$

$$= u(t-1)(t-1) - u(t-2)(t-3)$$

$$F(z) = e^{-2} - e^{2-2z}$$

$$F(s) = \frac{e^{-S}}{S-1} - \frac{2}{S-1}$$

$$= u(t-i)e^{t-1} - u(t-2) \cdot e^{2} \cdot e^{t-2}$$

$$E(s) = e^{-\pi s}$$

$$(\pi-1) au 2 (\pi-1) u$$

$$(3) = \frac{25+1}{1-6-5u^2}$$

$$= \frac{2s^4 us}{2} - \frac{2s^4 us}{2s^2 Z}$$

$$f(4) = \cos \pi t - u(t-2) \cos \pi (t-2)$$

$$\overline{1}$$

f(4)= 2. U03(4)

F(s) = 2 f(u(4).1) -4 (u(4-1).1)

$$= \frac{2}{5} \left[1 - e^{-35} \right]$$

(12)

f(4)= U14(4)

(13)

f(4)= | sint if 0 < + 227

$$f(t) = Sunt [a(t) - a(t-2\pi)]$$

$$= a(t) Sint - a(t-2\pi) Sint$$

$$= 2\pi S$$

$$= 1 - e^{-2\pi S} f(sint)$$

$$f(f) = \int Sint \qquad O(t < 3\pi)$$

$$= \frac{1}{1+\zeta_{5}} - \frac{1}{6} = \frac{1}{3} \left(\frac{2inf(013u + (0143in)u}{2} \right)$$

$$f(t) = \left(\omega(t-\pi) - u(t-2\pi) \right)$$
 Sinet

$$= \frac{2}{2} \left(e^{-\pi J} - e^{-2\pi}\right)$$

$$-e^{-3S}L(\sin(\pi t+3\pi))$$

$$= \left(\frac{1}{2} \right) \left[e^{-3S} - e^{-3S} \right]$$

$$= e^{-S} \left(\frac{S_2}{I} + \frac{S_3}{I} \right)$$

21)
$$f(4) = t$$
 if $f(1) = t$ if $f(2) = t$ if $f(3) = t$ if $f(4) = t$

$$f(f) = \left(\pi(f-i) - \pi(f-i) \right) (5-f)$$

$$F(S): \frac{1}{S^2} - e^{-S} \left(\frac{1}{S^4} + \frac{1}{S^2} \right)$$

$$-6_{-52}\left(-\frac{25}{7}\right)$$

$$=\frac{S_1}{1}-\frac{S_2}{5}+\frac{S_3}{5}$$

$$=\frac{1}{52}\left(1-26^{2}+6^{-25}\right)$$

$$F(s) = \frac{1}{S} - e^{-S} \left(\frac{1}{S} + \frac{1}{S^2} \right)$$

$$F(i) = \frac{1}{S} - \frac{S}{2}e^{-S}$$

0,00

$$= e^{-2} \int \left(+3+3+3+1 \right)$$

$$= e^{-2} \int \left(+3+3+3+1 \right)$$

$$= e^{-2} \left(\frac{6}{5} + \frac{3}{5^2} + \frac{1}{5^2} \right)$$

$$-6_{-52}\left(\frac{24}{6}+\frac{23}{15}+\frac{23}{15}+\frac{23}{15}\right)$$