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Ejercicus Primer Sección

a) [(1)=] 4,05661 + [ 1 - U(+-1]]

1-36, 621 4-36 U(1-1)
          ((+) = + - + U(+-1) + (1-3+) U(+-1)
      f(+)= + U(+-1)[4-34-4]
      f(t)={ + U(+-1)[9-4+]
      Iff(4)= If+ }+ Ifu(+-1)[4-41]
                                            \frac{1}{s^2} + e^{-s} \left[ \frac{1}{24} - 4 + \frac{1}{2} \right]
                                            1 + = 5 - 4 52
                  I ff(4) /= I / est / = 1
      If f(+)}= If test} = (s+5)2
      Z{f(+)} = Z { sen t U(+- =)}
                      F(s) = e = { 1 } { 1 + = 1 }
                      Fiss = e= 12 ( cos (+)++
                        F(s) = e ( 5 )
              24 F(+)}=24e+ Cos2+>
                                                                                            S+1
(s+1)2+4
        \mathcal{L}^{-1}\left\{\frac{1}{q_{b-1}}\right\} = \mathcal{L}^{-1}\left\{\frac{1}{q}\left(\frac{1}{s-\frac{1}{4}}\right)\right\}
          1-14 = 2-142 = 2
      \frac{2 \cdot \sin h (2t)}{5 \cdot \cos^{2}(2s+1)}
        \mathcal{I}^{-1} \left\{ \frac{5}{5^2 \cdot 25^{+1}} \right\} = \mathcal{I}^{-1} \left\{ \frac{5}{(5-1)^2} \right\}

\frac{A}{5-1} + \frac{3}{6-1}^{3} = \frac{5}{6-1}^{3}

\frac{A}{5-1} + \frac{3}{6-1}^{3} = \frac{5}{6-1}^{3} = \frac{1}{15-1}^{3} + \frac{1}{16-1}^{3} = \frac{1}{16-1}^{3}

\frac{A}{5-1} + \frac{3}{5-1} = \frac{1}{15-1}^{3} + \frac{1}{16-1}^{3} = \frac{1}{16-1}^{3}

\frac{A}{6-1} = \frac{1}{16-1}^{3} = = \frac{1}{16-1}^{3} = \frac{1}{16-1}^{3}

        53 4(s) - 5 7(0) - 5 27(0) - 7 28 - 3 [5 4(s) - 40]
.... + 2 7(s) = 0
            .... + 2 7(5) = 0

Y(5) [ S<sup>3</sup> - 35 +2] - S<sup>2</sup> +3 = 0
                \frac{\gamma(s) \left[ s^{3} - 3s + \lambda \right]}{\gamma(s) \left[ s^{3} - 3s + \lambda \right]} = \frac{s^{2} - 3}{\left( s + \lambda \right) \left( s^{3} - 2s + 1 \right)}
\frac{\gamma(s)}{\gamma(s)} = \frac{s^{2} - 3}{\left( s + \lambda \right) \left( s^{3} - 2s + 1 \right)} = \frac{s^{2} - 3}{\left( s + \lambda \right) \left( s^{3} - 2s + 1 \right)}
      |S_{1}|^{2}
|C_{2}| = \frac{S^{2}}{\delta^{2} \cdot 3s^{2}} + \frac{1}{\delta^{2} \cdot 2s^{2}} + \frac{1}{\delta^{2} \cdot 3s^{2} \cdot 2s^{2}} + \frac{1}{\delta^{2} \cdot 2s^{2} \cdot 3s^{2}} + \frac{1}{\delta^{2} \cdot 2s^{2}} + \frac{1}{\delta^{2} \cdot 2s^{2}}
                1/(5) = 52-3
(5+2)(5-1)2
                      \frac{\mathcal{A}}{s+\lambda} + \frac{\mathcal{B}}{s-1} \rightarrow \frac{\mathcal{C}}{(s-1)^2} = \frac{s^2-3}{(s+\lambda)(s-1)^2}
          A52-2A5+A+(B5+28)(3-1)+65+26=33
A52-2A5+A+B52-B5+285-2B+65+26=33
      A+B=1 - A+1-B

-2A+8+c=0 -2(1-8)+8+c=0 -3[-8+c=2]

A+36+3c=-3 1-8-38+2c=-3 -38+3c=-4

B=c-2 A=-7 -c=-6

C=0
  1 -7 + 8 + 10 Cs-13ª
              -7e2t +8et + 10 t et = Y(4)
          23 1(2) - 23 1(0) - 2750) - 1,00 - 2,100 - 2,100) + 2,100) +
        \frac{\gamma(s)\left(s^{3}-s^{4}+s-1\right)=s^{4}+s-1}{s^{3}-s^{4}+s-1}=\frac{s^{2}+s-1}{(s-1)\left(s^{2}+s\right)}
                  \frac{A}{s-1} + \frac{B_{s+c}}{(s^{2}+1)} = \frac{s^{2}+s-1}{(s-1)(s^{2}+1)}
            A52+A + B52-B5+C5-C=52+5-1
If 1 + 25-3 >= I-1 + 25-3
            - e + 2 (os(t)-35,nh(+) = Y(t)
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