$R_{\beta} = \frac{(-7/2 + 16/7)}{(-7/2 + 26/17)} - \frac{364}{255} = \frac{364}{255} \cdot \frac{34}{14} \cdot \frac{(49 + 35)}{(-119 + 52)} = \frac{364}{255} \cdot \frac{34}{14} \cdot \frac{(46)}{(-67)} = \frac{884}{1005}$

 $z(s) = (s^2 + 6s + 8)$

 $4G = \frac{1}{6}$ $R_2C_2 = \frac{2}{3}$ $Z(s) = \frac{(s+2)(s+4)}{2}$

$$V_{6} = \frac{S + 26/17}{S + 1,9175}$$

$$\lim_{S \to -7/2} Y_{6} = \lim_{S \to -7/2} Y_{6} = \frac{S \frac{1}{82}}{S + \frac{1}{82}} = \frac{S \frac{1}{82}}{S + \frac{1}{82}} = \frac{S \frac{1}{82}}{S + \frac{1}{2}}$$

 $\frac{1}{\rho_2} = \lim_{S \to -\frac{1}{2}} \frac{S + 26/17}{S + 1,9175} \cdot \frac{S + 7/2}{S}$

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{$$

 $Z_6 = Z_4 - \beta_B = \frac{364}{255} \frac{(5+16|7)}{(5+26|17)} - \frac{884}{1005} = \frac{\frac{364}{255} \left(5 + \frac{16}{7}\right) - \frac{884}{1005} \left(5 + \frac{26}{17}\right)}{5 + 26|17} = 5 \frac{\left(\frac{624}{1139}\right) + \left(\frac{832}{255} - \frac{1352}{1005}\right)}{5 + 26|17}$

? -> Debené aulonse (s+ 7/2)

5+ 26/17

$$\begin{array}{c} Y_{0} = \frac{1}{R_{2}} + \frac{1}{16} \cdot Y_{0} \cdot y_{0} = \frac{139}{624} \frac{(s+26/n)}{s+4/2} - \frac{19(9)}{1368} \cdot \frac{S}{S+4/2} = \frac{4}{s+7/2} \frac{(67}{84} \cdot s + 67) = \frac{67}{84} \frac{(s+7/2)}{84} \cdot \frac{(s+7/2)}{$$

$$Z_{5} = \frac{1/45 + 1}{45 + 3} - \frac{1}{16} = \frac{1}{45 + 3} \left(5 \left(\frac{1}{4} + 4 \cdot \frac{1}{16} \right) + \left(1 - 3 \cdot \frac{1}{16} \right) \right) = \frac{13/16}{45 + 3}$$

$$Y_{5} = \frac{45 + 3}{13/16} = \frac{16}{13} \cdot 4 \cdot \left(5 + 3/4 \right) = \frac{64}{13} \left(5 + 3/4 \right) = \frac{64}{13} \cdot 5 + \frac{48}{13}$$

$$\frac{1}{T}C_{2} = S \cdot k_{00} \rightarrow C_{2} = \lim_{S \to \infty} \frac{64/13}{S} = \frac{64}{13}$$

$$\Rightarrow \frac{1}{R_{3}} = \frac{1}{13} = \frac{1}{13}$$

$$\Rightarrow \frac{1}{R_{3}} = \frac{1}{13} - \frac{1}{13} = \frac{1}{13}$$

$$75 = SC_2 + \frac{1}{R_3} = S \cdot \frac{64}{13} + \frac{48}{13} = \frac{16}{13} (4S + 3)$$

$$C_1 = \frac{1}{13} \cdot \frac{1}{13} = \frac{16}{13} \cdot \frac{1}{13} = \frac{16}{13} \cdot \frac{1}{13} = \frac{16}{13} \cdot \frac{1}{13} = \frac{16}{13} \cdot \frac{1}{16} \cdot \frac{1}{13} = \frac{16}{13} \cdot \frac{1}{13} =$$

$$Z_3 = SL_1 + R_2 + Z_5 = S \cdot \frac{1}{4} + \frac{1}{16} + \frac{13}{16} \cdot \frac{1}{4S+3} = \frac{1}{16} \left(\frac{4S+1}{4S+3} + \frac{13}{4S+3} \right)$$

$$= \frac{1}{16} \left(\frac{(4S+1)(4S+3)+13}{4S+3} \right) = \frac{1}{16} \left(\frac{16S^2 + 16S + 16}{4S+3} \right) = \frac{S^2 + S + 1}{4S+3}$$

$$y_3 = \frac{4S+3}{S^2+S+1}$$

 $y = SG + \frac{1}{R} + y_3 = S + 2 + \frac{4S+3}{S^2+S+1} = \frac{(S+2)(S^2+S+1) + 4S+3}{S^2+S+1}$

$$= SQ + \frac{1}{R} + \frac{1}{3} = S + 2 + \frac{4573}{S^2 + S + 1} = \frac{(5+2)(5+3+1) + 13+3}{S^2 + S + 1}$$

$$= \frac{5^3 + 5^2(2+1) + 5(1+2+4) + 2+3}{S^2 + S + 1} = \frac{5^3 + 35^2 + 75 + 5}{S^2 + S + 1}$$