$$G(5) = \frac{5+5}{(5+10)^2}$$

$$(5+10)(5+10) = 5 + 205+100$$
 $(\frac{5}{10}) \cdot \frac{(\frac{5}{5}+1)}{(\frac{5}{10}+1)^2}$ $W_{y} = (0)$

W. = 10

$$Y(5) = R_{B}$$
, $G(5)$

$$= \frac{1}{5} \cdot \frac{5+5}{(5+10)(5+10)}$$

$$= \frac{A}{5} + \frac{B}{(5+10)^{2}} + \frac{C}{(5+10)}$$

$$A = \frac{5+5}{\sqrt{(5+10)(5+10)}} = \frac{5}{100}$$

$$\frac{5}{10} = \frac{1}{2}$$

$$\frac{5}{2} = \frac{7}{5^2}$$

$$B = \frac{5+5}{5(5+10)^2} = \frac{-5}{5=-10} = \frac{1}{2}$$

$$\frac{\text{cata especial}}{\text{c} = \frac{1}{4} \cdot \frac{1}{5} \cdot \frac{1}{5}$$

$$y(s) = \frac{1}{20} + \frac{1}{2} - \frac{1}{20}$$
 $\frac{1}{5+10}$

$$+\frac{1}{2} \cdot \frac{1}{2+1} \cdot \frac{10t}{e}$$