F(s)-Se-stf(t)d+ in for cut met cut mander (e-ax) = - = e-ax tc td Sxeaxdx=(x-f2)eax Sole) = ly + mated - mot fc(+) = iv + met F(is) = Stive stat + Somete state $i_{1}[-\dot{s}e^{-5t}]^{t_{c}}+[-\dot{s}-\dot{s}^{2}]e^{-5t}]^{t_{c}}$ -iv (e-tc-1) = iv (1-e) $= i_{\nu} \frac{1-e^{-t_{c}}}{s} \left[-\left(\frac{t_{c}}{s} + \frac{1}{s^{2}} \right) e^{-st_{c}} + \left(\frac{1}{s} - \frac{1}{s^{2}} \right) e^{-st_{c}} \right] e^{-st_{c}}$