$$V(S) = 3[a(D - a(D - a)] + (-1)[a(D - a)] - a(D - a)]$$

$$V(S) = 3[a(D - a(D - a)] + (-1)[a(D - a)] - a(D - a)]$$

$$V(S) = 3[a(D - a(D - a)] + (-1)[a(D - a)] + (-1)[a(D - a)]$$

$$V(S) = \frac{3}{5} - \frac{4}{5} = \frac{35}{5} + \frac{1}{5} = \frac{45}{5}$$

$$V(S) = \frac{157669}{6} + \frac{4}{75} + \frac{1}{7} = \frac{45}{75} + \frac{4}{75} = \frac{45}{75}$$

$$V(S) = \frac{76}{6} \cdot \frac{743}{75} - \frac{4}{75} \cdot \frac{743}{75} = \frac{1}{75} \cdot \frac{743}{75} =$$

5. (a) . parallel, creatly gister .
$$A = \frac{1}{2RC} = 10000 \text{ (RE)}$$
 $C^2 - (No^2 = 0) > R = 1/4C = 12000 \text{ (RE)}$
 $C = 2000 \text{ (2)} / 2$

(b) $(No = \frac{1}{2NC} = \frac{1}{2}000 \text{ (rod/s)}) / 2$
 $C = 2000 \text{ (rod/s)} / 2$
 C

05 10

(00