pag 21

$$a = \frac{tp}{tt}$$
 $tp = \frac{10^4}{2 \times 10^8} = \frac{1}{2 \times 10^4}$

$$C = \frac{1}{2 \times 10^4} = \frac{10^4}{10^4} = \frac{1}{2} = 0.5$$

$$C = \frac{10^3}{10^4} = \frac{1}{10^4} = \frac{1}{2} = 0.5$$

pag 22

$$a = \frac{t_0}{t_1}$$
 $t_p = \frac{10^6}{2 \times 10^9} = \frac{1}{2 \times 10^2}$

pag 25

$$(2) U = \frac{1}{2a+1} = \frac{1}{1+1} = 0.5 \quad (U = 50\%)$$

$$(22) U = \frac{1}{200002} = 0.0002 = 2,7 \times 10^{4} = 0.027/.$$

nelodo spopendurento como a elevado

$$a = 0.5$$
 $a = 0.5$
 $a = 0.8$

$$U = \frac{1}{1+2a}$$
 $6.8 = \frac{1}{1+2a}$

$$0.8 + 1.6 a = 1$$

$$a \cdot 0.2 = 0.127$$

$$1.6$$

$$\frac{d/u}{4/R} = 0.125^{\circ} \frac{10^{4}}{2 \times 10^{8}} = 0.125^{\circ}$$

$$\frac{2\times10^{4}}{10^{3}} = 0.125$$

$$\frac{2\times10^{4}}{2\times10^{7}}$$

$$\frac{2\times10^{7}}{2\times10^{7}}$$

$$\frac{2\times10^{7}}{2\times10^{7}}$$

$$\frac{2\times10^{7}}{2\times10^{7}}$$

$$\frac{2\times10^{7}}{10^{3}}$$

pog 29

$$0 = 0 = ??$$
 $0 = w$
 $1 + 2a$

$$0 = 50/$$
. $1+2a$

$$0.5 = 0$$

$$1+2x1824$$