$$N = \frac{2kT}{\omega} = T = \frac{2T}{\omega}$$

it ca semualul discut sa fie periodic, pulsația semualului (w) trebuie sa fie multiplu de i , iar rapartul zku ex.

Les mis de perioade ale semualului simusondal comtimum

$$K = \frac{P}{g} \Rightarrow N = \frac{2PN}{w} = \frac{2PN}{2w}$$

$$w(=\text{multiplude N}) = mN$$

$$2P$$

$$=> N = \frac{2P}{mg} (*)$$

N cel mai mic possibil poole fi minim 2=> Distingen 2 carensi

1)
$$N = 2$$
; $z = \frac{zp}{mg} \Rightarrow 1 = \frac{p}{mg} \Rightarrow m = \frac{p}{g} \Rightarrow \omega = \frac{p}{g}$

2) N >2 : $\frac{27}{mg} > 2 = 3 + \frac{7}{mg} > 1 - 3 + \frac{7}{2} > m = 3 + \frac{7}{2} > \frac{3}{m}$

b)
$$-10 = 1.2T = 1 \times 1.2 = \frac{12}{10} = \frac{6}{5}$$

$$-)$$
 (*) $N_1 = \frac{2.6}{m.5} = \frac{12}{5m}$

$$75 = 0.65T = 1$$
 $K_2 = 0.65 = \frac{65}{100}$

$$= 3(4)$$
 $M_2 = \frac{2.65}{m.100} = \frac{65}{50 \text{ m}} = \frac{13}{10 \text{ m}}$

$$T_5 = 0.3T = 1 \quad K_3 = 0.3 = \frac{3}{10}$$

$$= \frac{2 \cdot 3}{10 \text{ m}} = \frac{3}{5 \text{ m}}$$

$$TD = 0.04T =) KH = 0.04 = \frac{4}{100}$$

=) (x) My = $\frac{2.4}{100 \text{ m}} = \frac{4}{50 \text{ m}} - 1 - \frac{4}{100}$

$$=)(x)$$
 $N_4 = \frac{2.7}{100 \text{ m}} = \frac{7}{50 \text{ m}} -1-$