Затуханощие жилебания

1. Dano: nepwog T=lsno lopugulu rectuu gemenerum $\lambda=0.3$ haranthal quasa $\varphi_0=0$ t=2T=2s $\chi=5cm=0.05m$

Hairgen ynabherne gbunnerna amoro konedarna yranbhoe yeko chonocmb: $w = \frac{34}{7} = 2\pi \text{ rad/s}$ $b = \frac{1}{7} = 0.3 \text{ c}^{-1}$ $x = 400^{-0.3 \times 2} \text{ m} \Rightarrow 40 \approx 0.09 \text{ m}$ x = 0.05 m

ynable+ue: $x = 9.1 \times 10^{-2} e^{-0.3t} \cos(2\pi t)$

2. Brems ynemetus: T=2405ynemetue ta $n=\frac{A_0}{A_0}=2$ naz

Найдём жоэфалициент в

A = no onlegenemos: A1 = e-2408 = 1

 $= \frac{2406 = 102}{6 = \frac{102}{240} = 0.003c^{-1}}$

ombem! 0.003c-1