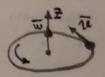
9. Branzenne fareca jagaënca grabnennen queti=A+B++ct³ nge A=3 pag, B=2 pag, C=1 pag. Tagnye sareca paben 1 m. Dia noren, renangen na osege soreca, nammi grabago u suneingo esapoenu, a nassee grabae nan-renguarande u napriambnoe gesapenua repez t=3 e nocie narara bpangenua.

## PEWEHUE

Hangen ynabyro erapecro:  $W_z = \frac{d\psi}{dt} = (A+Bt+Ct^3)^1 = B+3Ct^2 = 2+3t^2$ 



luneurys crapsers sessens natura repez naprausnae yesapenue:  $a_n = \frac{V^2}{R} = w^2 R \Rightarrow V = w R = 2 + 3 t^2$ 

Papuyea ynishono ycrapenua:  $\mathcal{E}_{\frac{1}{2}} = \frac{dw_{\frac{1}{2}}}{dt} = (2+3t^2)' = 6t$ 

Imabae yesapenne repez 3 c:  $\xi_{z}(t) = \xi_{z}(3) = 18 \frac{\mu a_{z}}{c^{2}}$ 

Depunsa repualenos y crepenus:  $a_n = \frac{7e^2}{R} = 12(t)^2 = (2+3\cdot3^2)^2 = 847 \frac{pag}{c^2}$ 

Tapunga namenyuansnow yerape- $\alpha_{\tau} = \epsilon R = 18 \frac{rag}{c^2}$  10. Manepuanthas norta glurieries no apprendir paquije romanoù paten 2 m. Ypalnetiue glurierius unien lug &(t) = At+Bt3, rge A=0,5 m, B=0,1 m, o & — Epulaninemas Faspannama, amerimalarias lagant apprendimi Raimi i puoline eseparno u gerapetiue, a marrie unienne gerapetiue manepuanthai moren l'univers le peneriu to 2 e.

## PELLEHUE

V= |d € |= |(At+Bt3)'|=|A+3Bt2|=A+3.0,1.t2=A+0,3t2=0,5+0,3t2

Hammen openingny qua uneixore yeraperus nanepusatiren novicu:  $a = \frac{d^{12}}{dt} = (A+0,3t^2)'=0,6t$ 

Hatigën znarenne unetinoti crapacna man. norem & namenn bjenenn.

a(t) = 0,6.2 1=1 = 0,6.2=1,2 1

Hammen opapungny representations y craperus:  $a_n = \frac{1}{R} = w^2 R \Rightarrow w = \frac{1}{R}$ 

Plangen grabys crapeur nan. north b nanera bjeven t=2c:  $w(t) = \frac{v(t)}{R} = \frac{0.5 + 0.3 \cdot 2^2}{2} = 0.85 \frac{pag}{c}$ 

Hannen gapmyng namenegnanskor gerapenus:  $4 = \left| \frac{d^2}{dt} \right| = 0$ 

Pangën ynobse yerapenne repez papunjug mannenguanomos yerapenna:  $a_{\tau} = ER = \sum_{k=0}^{\infty} E = \frac{a_{\tau}}{R}$ 

Hangen graber gerepenne norm b nomm brenenn t=2c:  $\frac{E(t)}{R} = \frac{a_{\tau}(t)}{R} = \frac{1.2}{2} = 0.6 \frac{\rho a_{\varphi}}{c^2}$