Nama: Andri Firman Safutra

1) TS FISI LA DOSAr

NIM: 201011402125

9

1. P= e6'T A1

6 = [MT-3 A-4]

ditanyquan:

Tentukan nijai I, M, n!

Nyatanga nembali pesamaan diatas don memasunuan nilai 1, m, n!

2 [T] 3 = e. [M] 1. [T] -31, [B] -4+m. [L] 21

:1=11

2=1/1=

7:2=21

1=2=1

[T]:-3=-3L

l = -3 = 1

0]:0 = -4+m

e. 62, TH. Al

Nama: Andri Firman Sapotra UTS Fisika Dasar NIM: 20101/402125 2.T= (M-1 13 T T = M \13 * Dari dimensi T * Dari dimensi * Dari dimensi M 1=3 1=-22 M=1 2=-1 Din: F1=20N F2= 15 N F3 = 25 N F1x = 20 N F2x=- 15N, COG (53) = -9,027 N F3x= - 25 N. (05 (37)° = - 19,966 N FIY= ON F24 = - 15 N, SIN(53) = -11,979 N F34 = 25 N. SIN (37) = 15,045 N EFX = 20+ (-9,027) + (-19,966) = -8,993 N EFY = 0 + (-11,979) + 15,045 = 3,066 N R = VFx2 + Fy2 =180,874+9,4 = =9,501 N = 1 90,274

Nama: Andri Firman Saputra UTS Fisina Dasar NIM: 2010 11402125 F1=20N F2=15N 60° F3 = 25N flx = 20N f2x = - 15N. Cos (60) = -7,5 N F3x= - 25N Fly= ON Fzy=-15N.5in (60) = -12,990 N F34 = ON $\Sigma Fx = 20N + (-7,5)N + (-25)N = -12,5N$ E FY = ON+ -12,990N +0N = -12,990N R = VFX2+FY2 $= \sqrt{(-12.5)^2 + (-12.990)^2}$ = 156,25 + 168,74 $=\sqrt{324,99}$ = 18,027 N

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Date

* carl ventor perfindahan

$$x = x_0 + \int v Jt$$

 $= 5 + \int \frac{5}{2} t^2 + 3t + 15$
 $= 5 + \int \frac{5}{3} t^2 + 3t^2 + 15t$
 $= \frac{5}{3} + \frac{3}{3} t^2 + 15t + 5 \text{ m}$
 $= \frac{5}{3} + \frac{3}{2} t^2 + 15t + 5 \text{ m}$

*
$$(ariPerPinJahan defiu ue - 6)$$

$$2((6) = 5(6)^{3} + 3(6)^{6} + 15(6) + 5$$

$$= 5.216 + 3.36 + 15.6 + 5$$

$$= 360 + 54 + 90 + 5$$

= 509 m

* cari necepaton rat	a-19	1ta = 100	
* cari necepaton rat	=	3054-139	= 583
Δt		5	6
$=$ $\chi_2 - \chi_1$	2	2915	
t2-t1		6	= 97,16667m/S
= 509-139/6		5	
61	١, .		

Nama: Andri firman safotra UTS fisika Dasar NIM: 201011402129 8. V= 14m/5 h=1,2m 5=..6,857 M $=\sqrt{\frac{2.1}{10}}$ = 0,4898 5 5 = Vxt = 14M/5 x 0, 4898 5 = 6,857 M * h=Voyt-1.9.+2 VO.COSO = Vo. sin(37)°. t-1, 10, t2 3,5 = Vo,0,6, t-5,22 Vo. cos(37) 5, +2 - Vo, 0, 6, + +3, 5 = 0 (Vo. 0,8) 5. (15)2 - Vo. 0, b (15) +3,5=0 $\frac{5.225 - 10.9 + 3.5 = 0}{10.9}$

JOYKO" 36 Lines, 6 mm