			Date	
-	0 0 4	-11	Dier Parista Hati	
Nama	: Dian Permata H	ati	DA DECEMBER	
NPM	· 2013022036		tup.	
Kelas	B Driver Frita		Padidikan Fluika	
Prodi	: Pendidikan Fisika			
Kuadrat f = - bv² dengan pengaruh gaya gesekan benda bergerak				
Ve	ertikal ke atas.	aladena 9	Personal Paramana Good	
		STONO NO.		
	M 17 /5	5 no 0	-9-b Vt=(-9-b to) & -bv2	
71	→ F EF	= m.a	m ve (m o) c m	
2 %			W. mag (-mag V) -t.2	
	-mg		$V = -mg - \left(-mg - Vo\right)e^{-bv^2}$	
新用品 B/ 具是一/ 2	Juo -9	du = (dt	4 200 422 101 1	
		la A	F = -W	
N+	or 1 - 15 mil or =	XDMT	bu = mg	
	$\frac{dv}{-9-bv^2} = \int_0^t dt$		Vt = mg (* * * * * * * * * * * * * * * * * * *	
	M		T-Vo) e-byt	
	F4	V(+) = VT - (V		
seperti :		a(t) = dv(t)	* * V + * * V / * * V /	
-9- by =	u	dt		
		= a (1	1T - (-Vo + VT) & - but m.	
- b du =	- du			
***		= 0 - 1	(VO + VT) (-bV) e-bV+ m	
dv = m	- du			
		= - 20	1 (NO + BV NT) e-but m	
$\int \frac{1}{u} \left(\frac{-m}{b} \right)$	du) = $-\frac{m}{b}$ $\int \frac{1}{u} dv =$	m ln (u)		
		a(t)	= (-9-6 No) e-but/m	
-g-6v2	$-dv = \int_{0}^{t} dt$	4	1 - 200 N - XV A 3 9600	
Vo m)0	V(t)	= dy (t)	
-m	In (u) = t	1 +0 2 1 HOV = 4V	dt	
bv		(1x	3v (+) - (* 11 (+) +1	
-m In	(-9-by) JVE = +	10	$dy(t) = \int_0^t v(t) dt$	
		V(1)	= (+ VT - (- Vo + VT) e - but/m	
-m ()	$n\left(\frac{-9xbu^2/m}{-9xbu^2/m}\right)^{\frac{1}{2}}=t$	1(6)	10 + 11 6 111	
by	1 - g X ou /m /) . () (m) o - but /m]	
T. D 9	3 - 644 -645	4	= VTE - (-VO + VT) (-m) (-m) (-m)	
- 0	$\frac{1-\frac{p_0}{m}}{1-\frac{p_0}{m}} = \frac{1-\frac{p_0}{m}}{m}$		(3130) (3130)	
	m	The same of the sa		
		A Print of woman		

	Date
~ (+) = [VT+ - (NO + NT) - (- m) 6 - PA+/W] - [(-NO - NT)	(-m)]
	agasassas mass
y (t) = VTt - (-m/by) (-Vo + VT) (e-but/m)	Prince 1
y (t) = VTt - m (-Vo + VT) (1-e-but/m)	north mornistra ? state
m / w w) / - lauk /)	
y(+) = VT+ - m (-Vo-VT)(1-e-but/m)	
V(t) = UT - (-Vo + Ve) e /m	D. H. 2193, 434 13
$V(t) = VT - (-Vo + Ve) e^{-bVe}/m$ $a(t) = \left(-g - \frac{bv}{m} Vo\right) e^{-bVt}/m$	
Lalu di aproxmasi : moderni il 1880 moderni	oland 1177
Lalu di aproximusi :	2 4 4 0 18
$e^{x} = 1 + x + x^{2} + x^{3} + \dots$	+ 57
2-pot/w = 1 - prf + 1 (prf) 2+	pm) 50
AND	one)
7 (t) = VT+ - m (-V0 - VT) (1-2-but/m)	
$y(t) = V_{T_{t}} - (-V_{0} + V_{T})(t - \frac{1}{2} \frac{bV}{m} t^{2})$ $y(t) = V_{0} t + \frac{1}{2} \times \frac{bV}{m} = V_{0}t^{2} + \frac{1}{2} \times \frac{bV}{m}(\frac{-mg}{bV})$	n inlin matthale
y (t) = Vot + 2 x m = Vot + 2 x bv (bv	-) + 1 (A)
Fa Jan 18 1 m 8	
Untuk 6 = 0	2h 2 y d 2 h
y (t) = Vot - 1 gt	1b = 1b-
-bvt/m	o de P
V(t) = UT - (-Vo + VT) e - bvt/m	the ob the
$V(t) = VT - \left(-VO + VT\right) \left(1 - \left(-\frac{bVb}{m}\right)\right)$	1 944
V(+) = Vo + bu . Vot - gt (4)	
V(+) = Vo + m . Vot - 9	De Vale + P = locker
V+ = Vo - g+	10 t 10 d
Untuk 6 = 0 Ve = Vo - gt a(t) = (-9 - by Vo)e - bot/m	
	10 7 100
a (+) - (-9- by vo) (1 - by)	
	apply and
a(+) = -9+9. but - bu vo + bive	
Vot	
untile b = 0	7. 10. 10. 10. 10. 10.
Vt > -9.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	