		<u>No. :</u>		
		Date:		
Mama , D.	amos Ray Laplan	N. COS X 4 C	3	
	40010210059 -A	ME MATERIAL OF HI	4) NA . A	
Slicle > 50			AA A	
1. SU PD				
A 4"+4=	osec(x)	, to 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	West and the second	
O.pp ho	mojen	Pd tromogen: a corr	t Cz Sin K	
○ V = =-	1	North Control		
- R R 21	7, =1 , The = -1 Y, = 1 cos x			
		= Sin X	<u></u>	
w. (o)	x Sinx : Cog	22 - (-Sin 8x) = Cos	nt sin x=1	
-51	nx cosx			
)p= 04,	+ 4 4	Mark V. My	tym, the or	
U = - (Sina Gosec (2) 0	be = _ (du = - n	: -14.	
	1	1-5-11-5		
V : 5 w	x cosep(n) dn =	Scotan (e) de = In	. (stncx)	
9 20	y = -x cos(x) + In (sin(x)) sin(x)			
J= 4(04	x+ (2 stnx -x1	Cos(n) + ln sin(n) sin(n)	n(x)	
		<u>, (*, , , , ,)</u>	- 9	
OB 4"-44'	+ sy = 2e2x	PV-	(V = 0"	
	Sinx) - [xnx" e] [xex	1) ()	
- PD homo	ojen) N.M.	ί,	
	+5 =0 00	n to the term	. D	
7-12:1	4 ± 1/10-9(1)(5) =	a t va	· b	
(a) 1-2-1 (b)	10 pc 2 x 10 1	r 2 2 - S NAWS	b	
11=2+i	-> y1= en los 2	e gran		
1/22-	y = e2k Sin	k . Pd homager	: e 2 (Ca coe 2 + (25/n	
ws esk	ભેદ પ	ensinx		
(2e2	Log x - e sinx)	(2e2 sin u + e2 cos	x) = (
	14.40	R S - 128,2 + 2		

	Date:
	Ze sin x Cos x + e cos x - ze sin x cos x + e are sin 2
	2e sin x los x sin 2x
	2 e au (51 n 2 x + cos 2 x)
	= Bi
	Se ID
	yp= vy, + vy2
	V== [e sin n 2 ex dx = -2 [= -2n
	l ear sinx
	$V = \left[\frac{e^{2n} \cos 2}{e^{2n}} \frac{e^{2n}}{2} \frac{dx}{dx} = 2 \int b \tan (nx) dx = 2 \ln \left \sin (nx) \right + C$
	10,.4
	y = e x (C, cos x + (2 sin x) - 2x e (cos x + ln sin (x) 2e sin(x)
	ance
$\overline{}$	y" -241 + y = e 2 sin x
	·PK: R2-271 +1 :0 Pd homogen: C1C1 + C2xe2
	(R-1)(R-1)
	(while office the Things of the states)
	7, = e x 92= x e x
	w= ex xex 2x = 2x = e2x = e2x
	$\left e^{x} \left(x e^{x} + e^{n} \right) \right $
	9p = Vy, + Vy,
	v:- (xex) (exsinx) = (x sinx du
	e an instrument of a
	U=21 =p - (-x cosx + (cos x dx)
	du= dre
	dv = sinx =0 - (-x cos x + sin x) = 10 10 (05 x - sin x
	V= -(05x
(20) (20) (1	V = ((ex) ex sinx cos u
	eru sand sand sand sand sand sand sand sand
	y= (1ex + (1xex + (xcosx-sinx)ex + nex (-cosx)
	= C1ex + C2xex - ex Stn 2

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	·)D	y" + y = co+ x
		· Pk: 22+1 =0
		?
		Ty=i Ty=-1 -6 y, xosx, yz=sinx
		· Pd homogen: C1 Cos 1 + (2 Sin x
		· Pd homogen: (1 Cos k + (2 Stn x W: Cos x Sin x = Cos 2 x + sin 2 x = 1 -sin x Cos x
		-sinx cosx
		9p=14, +14
		v=- (sin x cotx dx = - (sin x cosx dx >- Sin x
		$V = -\int \frac{\sin x \cot x}{\cot x} dx = -\int \sin x \cos x dx = -\sin x$ $\int \frac{\sin x}{\sin x} dx = -\int \sin x \cos x dx = -\sin x$
		V= Cos k Cot x dx = Cos2k dx = 1-Stn2kde- Sin x dx
		J sink J sink J
		= Inftan (2) + cosx
		Y= C, cosx + Cz Sink - Sink (osu + En tan(1) + cosx) sink
		= C1 Cos x + C2 sin x + In tan (2) sm x
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