Charles A.	
Find the integral of the following:	
1. Jozsin x de	2)2x2/nx dx
U=Sinse dy=ex	U=lnsc de=2x2
du=Gsxdx v=ex	du= \frac{1}{3} \frac{1}{3}
Sude = UN-Sidu	lnx. 2003 - 2 (x3. 1
Sinx(ex) - Sex Coex dx	3 3 ] =
ezsinx - Sez Gsxdoc	$\ln x \cdot 2x^3 - 2 \left(x^2\right)$
Su= asse du= ex	3 3 )
de=Sincax V=ex	(lox. 2x3) - 2x3 + C
1Cosx (ex) - Jex (-Sinx)dx	3) 1
le cosx + le sinx de	: 2x2/made = (nx. 2x3/-2x3+6)
x sinx-ex cosk- Sex sinx dx	3)9
Sezsinx doc = ezsinx - exosx-fezind	
Let T=Se"Six abc.	3.152 Sinx da
I = Ox Sinx - Qx Cosx - I	0=2
27 = exsinx - ex Gsx	du=2x dv=-Cosx
Z= exsinx-excosx	dy = 2x
2 1 ( x x 2 ) . c	Colda chi- Colda
· le sinx de = 1 [e sinx-e Coxx]+C	JUAN = UN - 17 au
Lataofah al vakub	77-005xd-)-(05x (2xdx) == - Y2(05xc-1-2xCosxc dx ==
Lateefah el-yakub	=- 1 (05) - J- 2005) cax =
19/eng05/027	dul la - 2x V=Sinx
Mechatronics	(-2x) (sinx)= (sinx)(-2) doc =
Control of the Contro	

