JOYKO® 36 Lines, 6 mm

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- V	· · · · · · · · · · · · · · · · · · ·
C X dx	NA TOTAL PROPERTY OF THE PARTY
misal 1-x=U, maka x=1-U dan	dx=-du, sehingga
MISAI 1-X=U, MARA X-1-U OOH	Um Ou , sermoge
c × 1x - c1-4 (111)	
$\int \frac{x}{1-x} dx = \int \frac{1-u}{u} (-du)$	Septedor
$=-\int \left(\frac{1}{u}-r\right) du$	
J (U - 19)	7 = xb - x
=- (ln/u) -u +c)	X-1V-C
Kembalikan u* kedalam x = (1-x) - ln (11-x) + 6	- 0
= (1-x) - ln(1-x) + c	
UK (2) I was a first of the	_ =
= -x - ln(11-x) + C,	CER
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The second period of the second of the secon	
F SINTA SINTA	-FE LER
	2,%
Lasalitan II dalam X	
3 6 6 3	
= 113 - 112 +1	
To the all and	
1 5 2 6 6 0 3 4 d 2 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
MI a SIG K 2 WE WORKEN . COX do	K = 0 W = 1
In C sin't cost a de 3 6 510 2 1 1 500 14	-510 x 1 603 x dx

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(xextdx	
nisal x2=U, maka Xdx=	du/2 , sehingga
Sxexidx = Seudu	
= I se du	
$=\frac{1}{2}\frac{e^{u}}{\ln(e)}+C$	**************************************
= eu +L	e sp
Kembalikan nilai U ke dalam x	
= ext +c,cer	
(xlnx2dx= c2xlnxdx=	
= 2 f x ln x dx	
misal $ln x = u dan x dx = dv$	maka
du = \frac{1}{2} \times dan V = \frac{1}{2} \times dengan integral parsial didapat	z , sehingga
1 x ln x dx = ln x · \frac{1}{2}x^2 - \frac{1}{2}x^2 \frac{1}{x} d	x +c
$=\frac{1}{2}x^{2}\ln x - \frac{1}{2}\int_{0}^{\infty}(\frac{1}{2}x^{2} +$	-c) + C
2 x ln x dx= x2 ln x - 1 x2 + C	CER

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SXVI+x dx	x 1 1
) MY ITE ON	8 1-11
misal I+x=U maka X	= U-1 dan dx = du, sehingga
$\int X \sqrt{1+x} dx = \int (u-1) \cdot \sqrt{u}$	du
= \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	'u) du
$= \sqrt{\frac{2}{5}} u^{5/2} -$	3 4 + c, CER
Kembalikan nilai u dalam	×
$= \frac{2}{5}\sqrt{(x+1)^5}$	- 2 V(x+1)3 + 6
7 g sin2 x cos3 x dx = g sin	
misal sin X=U maka	$\cos x dx = du$
$\int \sin^2 x \cos^3 x dx = \int u^2 (1$	-u2) du.
= 5 u2-	u4 du
$=\frac{1}{3}U^3$	- 1 u5 + c
Kembalikan U dalam x	3
$= \frac{\sin^3 x}{3}$	- Sin ⁵ X + e, CER

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