426									
a) db en cm³/s		d) o	na l'	3)=0	c-extremen		On a	censs; V('u]-V(o) < l
6) 1 de de 2 ((3.4) - V(4) en cus	/(hà)-V(h)=0,11	Oh	deit étu	dier p=	3 d (x = 0 d x	, , ,	donc v	nur en	V(v)
2 6,3.4 f eph.)	$V(k, \lambda) - V(k) = -0.81$ then $V(k, \lambda) = -19.19$	V (3)	- v(0) = f 3) < v(4)	3 20 dt C	0				
-4 2 819.4 £ 014.1						1) 1	. 3		
done = C, &		e)	on doit été (an a diji tre	utor t=0)	<i>y</i> 1-39	1 J ₂	du 1+	= -94	
John dr 2-981			Sa do d				<u>a</u>	2	
Ja Ar				2 -51+8			2.5	dome	V(3)-W0)
9) V(0) -V(0) = 5 20 dt				min en tec vec tablesa v			25	d'an V	(3)= 13 ₁ Sc
V(r) = V(0) + 50 de dt									
v(+) = 20 + 5 du 1+									
4,29									
a) 5 6 52-2									
b) $f(t) - h(c) = \int_{0}^{t} v(c) dc$	1; V(1):=	1 a							
h(t) = h(0) t f t (6) do	<i>h</i> (<i>t</i>);=\$ -	t Sh (16) ds							
6) h(b) h(s)	h(+)	Yep	, † ³	.t ~s					
() risouda v(t)=0			دا						
d) 4(+)=0(4)	ne)								
e) reme h(1)=h(6) <=> h(6) =5?	h(s)								
1) V(+) VS a(L)	Sulve (U(+)	=6,+)							
4) signe de c (6)	a (t): = ==================================	', (v(+))							
	a(+)								
	selve (h l	+) = ≤ ,+ ₎)						

4,56 u.l+) = 6+-# # V(0) = Scrift h(0)	=10ch								i (+) = 6 °		
op1 :	V(t) = Sa(t) = 3+2-5+ cy	cp2 U()	_) <i>_()(o)</i>	Jo Gil	(+)d>				3.	0:= S 0:=[6		
	9,, 2, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	denc VI			(5) dr						fa(x)) de
			= S+ 7:	-1-					1 (f) 2 =		J+ v (2)) dx
									в (t)	(Jo	
									Sidue (V	(t) =6,	<i>t)</i>	
	4,43											
	h) 2>+<					. \						
	$\frac{6}{4} \int \sin(p^2) x^3 dx \qquad o$	= -1/4 (45(4)+6				j) s	Z sin (r)	øssde				
	$\frac{du}{dr} = 4x^3 dr$ on = $x^3 dx_0$	= -1/4 cas (24) + C				u=snb du=ce						
	=] dq						e ⁴ du		_			
	c) 122 d>	= 3 \ \(\si^{1/4} \)	du = 1/	; · / 4	h+c	= 6	Sin>					
	= (3x0=11) //A. 2>	ds = 1/4 50 = 4/2 /3x	t C									
	u=3+++1 U= = b>d>											
	2 dr = 1/3 de											

461				
9,94 R.14		2 R15		
6) -	COS & do	() R15 a = 5 u =	In (r)	
'	9-5,700			
h ² = sir.	* - u=sm»	d) (2006 dx		
we te	5mb on a d4 = c+5b-lx) '		
<i>o</i> i. = (1 du que 4= siñ sta=s	a=1, (, = x = -> a.	-/, \(\alpha = \sigma^3\)	
)	92-42	de = 32 de		
- 1	In (] (4+ a) +C	6 de = /3 de		
I () la	(1 smof3)	1/3 / 1+42 dy = 1/3 4	ocker(U)cls	
	$\left(\left(\frac{3\ln n+3}{\sin n-3}\right)\right) \in C$			
= 1/6)	n (3-5) >> < c	=/3450/2 (43/40		
1) \ \ 3 (9-2) \ \ 29	K) 4= 45+49			
ave u=y-2	14 = 42 ds			
dy = 1 -> du = dy	= 1/6 \ L 1/2 d;			
5345 dr	= 1/6 · \$ 43/2 ce			
=3 t/6 46+c=1/646xc	= 1/4 ((chird)) = c			
=1/2(9-8)6-60	77			
4, 5 5				
M 165 . 300	, ,	9) u= x3.44	- 3	
1) J(3+ +17)	17	U4 = 3×2d×	5/ 1 72	V - V (1/2 + Lo)
4=3++17		on - 600 dr = 4/3 den	20 %	0 % (11 0 %)
du = 3 dt		= 4 - 1/4 4 t + c	(1/2 + t/2)	1 ct
1+ = 1/3 de		= 1/3 (+3+4) + + =	V	
S (3++12)1°d+	= 1/3 (4606		= (1 + 1) - 21	15 tc
	1/3.1 41/46	P) 32 rydy		
			= (1 + 0x) Vx	<i>t</i> C
=	3) (3)+12)"EC	- 4 2 4 C		
		=-3/e-43+C		

	4) [3-
2) S 04-62 d>	4) 3 × (47-6 ²)
09-50	6 = 4 -60
C = 2 U =>	da = - 2 > dx
= Sarsin (2) + c	8 de = - 1/2 de
	3) 1 dr = -3/2 / 6-1/2 dls
ω) ,	= -3/2. 1/2 -41/4 4 C
jan (30) sec (30) db	
$\left(\frac{1}{3}an^{4}(3)\right)^{2} = Sec^{2}(10)$	= 3/4-502 €
(= ton(3x) du = 3 sec (3x) dx -> sec (3x) dx =/3 ela	
= 1/3 (4 da	
= 1/5 1/5 V ⁵ + C	
= 1 (7an(3y)5) + C	
62.7	
50 = (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	
6) > 9/ > C) > h) =	
(4,38) (4,38) (4,38) (5) > (3) > (4) > (5) > (7) >	
$q_1 3^{eq}$ $1_1(y) = \int_{2}^{x} \frac{1}{\ln(x)} dt$	
L value of the second s	
0) \$\delta : (\n') = \in (\n' + 14) \si F(\n) = \int_{11167} 4+ e) \$10 CO Concarate	
$\frac{1}{ n(k) } = \frac{1}{ n(k) } \frac{1}{ n(k) } = \frac{1}{ n$	
$\frac{f(b)}{f(b)} = \frac{1}{\ln h(b)} / \frac{1}{\ln h(b)} = \frac{1}{\ln h(b)} = \frac{-1}{\pi h(b)}$	
$(f) \approx 2 \int_{\text{law}} \ln(G) df$ $(f) \approx \int_{\text{law}} \log f df$	
Li'u1 > 0 => 161 /	
(1)*(o) < d	

4,52 6) () () () () () ()
4,52 6) 1
12 1. 413 = x2-6x +7-5 111
$= (k^{-3})^{2} + 4$ $= (k^{-$
10t +10x 616 = 20 +10x +05 = 254/6
= In (1/(xes)=2)+c
= 4 [x24]0x4/6-22/4///w8410x+x+65/)+c
2 (25+(0)-22 cls
= 2 S 2x + Co dx - 2d
= 1 de que q = x2+10x 4/6
-dutates = 2 x2 + floor + GAC
core i $u = b_2 v - c_2$ as $u = x - b_2$ so $u = \underline{t}$, $c(u) = cb$
3 = 1
= /h ((45-45-65)) + 4 - 1/4 / 1 / 1
= /y carten (1 / ft/2
$= \frac{3}{6} + \frac{1}{5}$ $= \frac{3}{6} + \frac{1}{5}$ $= \frac{3}{6} + \frac{1}{5} + $
-> 4 p= 4 >+ 5 = 4 (x=6+5%)
= 4(x2x+/x-/x \(\xi_{\k}\))
- 7(18-2) 21)
4,5
a) [perds