	Calculous Pair		Somme a gave	he G: Serla	ngueu dec le et délumines par	I'mage de
	entre le courbe Gi S: » et l'ane ;			la fon?	tion du coté gauche	
	On peut atorre cette surfa la subdivisant en petite ree		Samme è deste	D: In largueur o Advancie par de ceté prot	la recturale act Dimage on bijandim	
01 462 45545	Ca subdivisant en perse rec	. 10 7		de colt dreit		
SiAn so over over to surface		n: no partitions				
m aun ); [f(a+2)-1)+(f(a+2)-1)+(f(a+3)-1)+(f(n+4)-1)+(f	9-1) +4900 = 1	An = 5-9	G >	n-1 (6-a) . f (	(417 (6-47)	
G= (164-1)+ [1(a-1)-1)+[3(a+2)-1)+[1(a+3)-1)	14 ( cash ) 4 )	$X_0 = \alpha$ $X_i = \alpha fi \left( \frac{6 - \alpha}{n} \right)$ $X_n = \alpha fn \frac{6 - \alpha}{n} = \alpha$		h (6-9) 11	. 6-57	
6. ) (ya 1) 4) th	(( / 1 /	$x_n = a + n$ $\frac{5-4}{n}$	0 0 =	{ \( \in \) \\ i=1 \( \in \) \( \in \)	a4; ")	
	ti 105-x2	n	Relation de China			
QL. Koo = 10 a= 1 06 - 3	G(n): = \( \frac{2}{1} \)/n\( \frac{1}{1} \) \( \frac{1}{2} \)	)	AB+13c = Al			
lerzgen n=10	$d(n):=\sum_{j=1}^{N}\frac{k}{n^{j}}\cdot f(H)\cdot \frac{1}{n^{j}}$		Sajorde + Sajor	$a = \int_{\alpha}^{\alpha} 100 dx$		
	9(10) 177					
	d(0) 33		$\int_{a}^{a} \int \phi dx = 0 \int \cos x$ $AB = -BA$	1 · · ·		
	3 x du 8,66 : uni	yuleur	$\int_{a}^{b} f(a)da = -\int_{a}^{a} f(a)$	do		
$e_{\mathcal{E}}a_{(\mathbf{m}/\mathbf{s}^2)}$	1	b	Si $f$ et $g$ sont des fonti $dx = k \int_{a}^{b} f(x) dx$ où		tervalle $I$ contenant $a$ ,	b et c, alors
5 4		$2. \int_{a}^{b} f(x) dx$	$x + \int_{1}^{c} f(x) dx = \int_{a}^{c} f(x) dx$	x		
3 2		$3. \int_{a}^{a} f(x) dx$	x = 0			
2 4 6 8	t (s)	a	$x = -\int_{b}^{a} f(x)  dx$			
		a	$x + \int_{a}^{b} g(x) dx = \int_{a}^{b} (f(x))^{2} dx$ découlent directement		agrala dáfinia. Laur dám	onetration act
yb. yb. yd.		laissée au lecte		de la definition d'inte	grate definite. Letif defin	onstration est
Ds = 2. 9 + 2.3 12.55 +2.1+20						
Gs = 2.642.4423+2.5+24						
1 ntegrale Chit algelingue: si d	'n courbe aut an deutes de Pare Oro	}				
) 164 - No = 200 Un SIL	Soldo>6					
= 4n n >> 6n	S. 10 Co					

unt (6) in h - h	4,11			
unité $\int_{a}^{b} f(t) = \lim_{n \to \infty} \int_{0}^{n} \int_{0}^{n} \int_{0}^{n} f(a+t)$	$\frac{(-a)}{n}$ $(a)$	(//2		
er: pe	- 1	5		
er: P(t) et	6)			
enta Jimpe	40			
o:	122.7°	0		
QA) = dist 3/hin +: no nout	14	C 3-10-6		
30 G (t) At = cht	Ø (2	Vo de		
Kani marzh				
		, xi4 de		
Janetsa Prémits Premits		$\frac{5\%+1}{2+7}$ $\frac{2}{3}$ $\frac{25\%}{3}$		
$\left(\frac{\chi^{2}}{\sigma}\right)^{2} \Rightarrow \frac{k^{2}}{2} \neq 0$	-			
	_	2 (21/4 -1) = 2 (18-1)		
Soil P St G sout clean priority de g alor P=Gec	1 may = 1 (6-4) Sc.	laida		
On a si Feture printing ct of su Ja,60	I may = (6-4) Jc,	70,000		
Soit fir) un fanction continu		On cherch un rectangle		
Su 3c soc		re dimension (6-a) of In	109	
$L(ac) \int_{a}^{h} f(s) dt = f(s)$	$I_h$	del que sa sujace = scuje	rce na charce	
Charl are primative cled specientile general	9 8	Tel que si sig		
ex (st /(t) = ) 3				
( ) (I(+) dd = 96)	8 U 4			
	= 1 Sint - Sin 0]			
	= 60 que como			
gas (x + 3) At = 1/2 7/2 = 1/4 - 1/4	- D gree chois			
gost 1 1 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1				
es de				
(10 Wb dy)				
$\begin{bmatrix} \frac{k^2}{2} \end{bmatrix}_{2}^{lo} = \frac{1}{2} \left(  o^2 + r^2  \right)$				
S cos with				
(SAN) ] = sn = sn = -sn o				
-1 b				
	The state of the s	the state of the s	1 1 1	1 1

Exercise		$Gn = \sum_{i=0}^{n-1} I(x_i) \Delta x_i$	$\chi_{i,j} = \kappa_{i,j} + j \cdot q_{i,j}$	
	2	iro IAN) DX	(d, xi=4+1 6-a	
a) 4,1 a-5 6=10 n=5	-8 -6 -4 -2 1 2 4 6 8 II) x	Dn = & Jor) 00		
	-4	Par DS = 1=1 1(0) Dx		
one $\frac{b-a}{n}$ $\frac{b-a}{s} = 3$ , kpus	-6	= (411-8-8).3		
n   xi   foe)  O   -3   3   4	-10	= ° SI		
1 2 9	()	,		
3 4 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	6) on a 215 U(10) - V	(0)		
S 10 -8	C) s; v(o) = 20 n6			
	on = 3( \( \( \( \( \( \) \) - \( \( \) \) \( \) 33			
GS = 2 1001)0x				
ona bres				
dine & s = (2+4+1-6-8).3	(1.5 G(n) = 2 (1)	6., 6.51 6-91		
=-21				
4,2	V (n) = 2 () (a	fi fi n ) · 6 2)		
$a = c_1 b = c_0 h = s = \frac{6 - c_0}{h} = \frac{c_0 - c_0}{c_0} = 2$	1) by long (m)	- 41-6626.		
		- ( - 4 vo) (ure)		
" "   f(w) Gs = 2 /61/0	×			
2 6 2.5 Ar = 2				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	sel)-A=B			
Ds = & Januar				
= 4434478140.7				
1	~ ~/			
4,9 ×(s) - ×(v) = S (v(t)) d+	Wall Color	() a(+) = v(+)	d) \ /+\-\	(o) (th
0	$b(q) - \gamma(0) = \int_0^{q} [f(t)dt = 7+13+6-1,3-3] esc.$	(y au) = 0 (s)	00/ 8(1) 7 70	$ \sum_{i=1}^{n} \int_{0}^{\infty} v(t) dt $
= 3.6 *(S-3)-6 =21		C <sub>1</sub> (a) = 2		
9 10		4 (4) = 0 4 (4) = -3		
3 3				
4,9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4,10		
	1414 00	, <i>L</i>	1.	
e) (6	4	( ) 10	no) dr t	1 (n) do
J 4 7 (x)	US = - Joseph	Ja	J6 J6	0
	= -10			
		c) (1	5 Jan do + ( 5 Ja) ds	= [ source
		J.	Joseph Joseph	Joers
		6	lo	
			-	

		J&	
		, , , ,	
4,16		4/12 vars = 1 6-10 Sa /(x) dse	
a) \int 1 \frac{1}{2} d7	$= \ln (b) \int_{0}^{a} = \int n(\lambda) - \ln(b) = \ln (b)$		
() rx	=-ca(0)] x = (c-s x -c-c) = 2	(1) Umay = 1 (/n 2) = 1/n (2)	
Jo sin (a) die	= -cam jo = (-3 x - 2-3) - 2		
		$\begin{array}{c} \text{(b) lines} = \frac{1}{2c_0} \text{(d)} = \frac{2}{2c_0} \end{array}$	
4,18			
a) Slav = 62+c	1119		
c) ((2x3-4629)dx =	2. x4-4 x4+9 x+0	6 e ch = e J 6	
	= \frac{1}{3} - \frac{1}{3} \frac{1}{4} \frac{1}{1} \frac{1} \frac{1}{1} \frac{1}{1} \frac{1}{1} \frac{1}{1} \frac	= e <sup>6</sup> +e <sup>2</sup>	
c) (ex-cos(x))dx	$=C^{(n)}-S^{(n)}+C$		
J (8   5 - 60) 1.		= 16t + 16t - 210 ] 4	
$i) \int \sqrt[3]{n}  dn = x^3 d$	= \frac{1}{5} \fra	= 72	
	d	1 de = \( \frac{\frac{1}{4} - \lambda \text{de}}{\frac{1}{2} - \frac{1}{4} \text{de}} = \frac{\frac{1}{2} - \frac{1}{4} \text{d}}{\frac{1}{2} - \frac{1}{4} \text{d}} \] = 21\( \frac{1}{2} \)] \( \frac{1}{2} \)	
		= 2(4-07) = 4	
		= 2(4-01) = 7	
	۲) (که	(m(s) ar (os(b)) ] b	
	Jo 8		
		= (cos 2n - cos(0))	
		=0	
9,00			
, , , ,		4, 19	
) f(4) = 2x +S	$=>\int (b)=\int \int b)db$	a) 1160 = 5160 = C=660, ec,	
	$=2\cdot\frac{x^2}{2}$ $\neq$ $5x$ $\neq$ $C$	an a 100 - color c dem c 4/6/45 = 6	
	= λ²+5> + C	die Cos	
		On a flo - cos(w) +5 = fla) = smx +5 & +cx	
avec 1(+)=10 =	> (2)°+S(2)+C=LO	Of a f (0) =3 => Sm(a) =3 (0) + C4 = 3	
	C=9	= >C/ = 3	
l.(n. do	1= 2-52-6	der Jul = sinx + so+>	
a en go	7-52-60		
		4)	
		1(E) - 3660, 1(0) = 4, 100 = 60	
		1 (w = 360+ => 160=76 m) 461	
		=> 164 = 14 h3 4c,	

					f(s) =	2 x³+ς =	> f(>)=10 <u>x</u>	4 CT >> 4 CT		
					GN	=> f a	(-> (-> 3+4)	, (=) ( C=) (	، حن, ح چي	
							Don Jan-	-3645in +2		