

Date:				, , , , , , , , , , , , , , , , , , ,
(b) P2 = Span (1, x, x2)	-7.1	anout the sale	. ,	Muss
			•	- Weit
$-\frac{f_1(x)}{f_1(x)} = 1, f_2(x)$	(x)=x	fz(x)= X2	
_ U1 = f1 >> orthogonal	basis = {U1	. 02,03	- 200	. C X
-	47.0	. 4		1 - 11.
Looner from (a)	- x - ' E	W Pas	ef 2: U1>	111- No. 15
known from (a)	ef	-	<01,017	
= x- <x,1>(1)</x,1>	- 2 - 0	_ 2	.gr : :	
<1,1>	- /	- /	1.1.1.1	
	ero's C	· .		1. 7. 1
- 03 - 13 - 13 01	02	: \	1	100
U3= x2- <x2, 1="">(1) -</x2,>	< x ² . x >	γ		· · · · · · · · · · · · · · · · · · ·
				1917
$\frac{5}{2} = \frac{1}{2} = \frac{1}$	~2 5			
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
	5 1	2 = 7		The state of the s
Orthogonal Basis =	$\langle 1, \chi, \chi \rangle$	2)		
		1. 77 1. **		
* 1 1				\$ Cart
		- · · · · · · · · · · · · · · · · · · ·		1.
	f	1	j. 1	
	±			•
				1 2 2 2
				1 7
			- 1	
				145.2 6

0 U3 = 0

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(U4 = M4 - Proj M4 - Proj M4 - Proj M4 Muly
104: Ma - < Ma, e1> e1 - < Ma, e2> e2 - < Mu, e3> e3
$\begin{bmatrix} 1 & -1 \end{bmatrix} \begin{bmatrix} 1 & 0 \end{bmatrix} \begin{bmatrix} 0 & -1 \end{bmatrix}$
$-\frac{1}{2} = \frac{1}{2} \left[\frac{1}{2} + \frac{1}{2} \right]$
$-\frac{e4=1}{\sqrt{2}} \frac{1}{0} \frac{1}{0}$
E= { 1/12 0 , 0 - 1/12 , 0 1/12 , 1/12 0 } e
0 1/12 1/12 0 1/12 6 0 -1/12 6
$3 \cdot f(x) = x - 1$, $[-\pi, \pi]$
- with start a still grown in the start of
$a_0 = 1$ $\int_{-\infty}^{\infty} \chi - 1 d\chi = 1$ $\chi^2 - \chi$ = -1
$\frac{\partial R}{\partial R}$ $\frac{\partial R}{\partial R}$ $\frac{\partial R}{\partial R}$
and from the form of the form
ak= D as odd function
Odd fundio & change limits
91-2/ (TX OSX OX / ST COSX du)
The (.)
ap = -A/V
The state of the s

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torz A Str (X-1) Sight x dx
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The state of the s
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$
$ak = \int_{-\pi}^{\pi} (x-1) \cosh(x) dx$
QK= 1 [Tx coskx dx - [T coskx dx]
-12 // registration of contract
$Q_{k} = -2\sin(\pi k)$
$Q_{k} = -2\sin(\tau c_{k})$ τc_{k}
bk=1 (x-1)sinkx dx
9
Du= 1 PR xsinkx dx - PR sinkx dx -TL TD -TL Sinkx dx
bk = 2sin(rk) - 2rkcos(rk) rk2
Fourier Approximation: 2sin(RK)-2rkcos(RK) - 2sin(RK) - 1
6
8
8