Chapter 5.	海域地方和	进汕直接表	No. Date	- 10 - 10 (1)
5×7 期到主元河	大流解放地方 12x1 - 3x -18x1 + 3x x1 + x A か行列式	2+3/3 = - 2-73 = -	-IS - A	12
Solve. Ax=	b. # A =	[12 -3 3 -18 3 -1 3 -15] 3 6]	$\begin{vmatrix} \chi = \begin{bmatrix} \chi_1 \\ \chi_2 \\ \chi_3 \end{vmatrix} = \begin{vmatrix} \alpha_{21} \\ \alpha_{11} \\ \alpha_{11} \end{vmatrix} = \begin{vmatrix} \alpha_{31} \\ \alpha_{11} \end{vmatrix} = \begin{vmatrix} \alpha_{$	- ² / ₁₈
-> -> -> -> -> -> -> -> -> -> -> -> -> -	$ \begin{bmatrix} 18 & 3 \\ 0 & -1 \\ 0 & \frac{7}{6} \end{bmatrix} $	-1 -15 -15 -17 -18 -1 -15 -15 -15 -15	$l_{32} = -\frac{7}{6}$	15
13 ee 33 3	$ \chi = \begin{bmatrix} \chi_1 \\ \chi_2 \\ \chi_3 \end{bmatrix} $	3 1 1 3 2 1 1	det A = -	66.

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Too 9 用源	于法求解三对角方程组	#Ax = b. # >
	TO 000 0 700 16	
	2 - 1 0 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	b = 0 3
5	DH 100 12 16 18 18	一个一个一个一个一个
Cal	to 1-500 mot	500 x - X /- 500 x
Solve. 72 A	有好像加下:一人	7 F 1 B1
-1. 2 -1		λ-2
10 2	-1	-1 24
	-1 -2	-1 25
中公式(3.14)	(b) = 2	81
	C1 = 21 B1	
15	bi = di 1 + d	i. i=2.3.4.5.
	Ci = 2i fi	6-22.3.4
# bi , Ci	分别为A 的主对角下	也和上边的元春、
计英可得:	d=2, d=3	$d_3 = \frac{4}{3}, d_4 = \frac{5}{4}, d_5 = \frac{6}{5}$
Ju- = A to	0 0 0	- V & [11 33/5]
	B1= -2. B2 = -3	$\beta_3 = -\frac{3}{4}$, $\beta_4 = -\frac{4}{5}$
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[2 3] J] [7]	
7 3 2 = 1	6.
-1 14 - 1 1 V2 =	O
-1 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ν '
-1 by ys]	Sal . 90192
11.3 Kg 1 T 1	1461
可约:	- 4 = -
3, 03 4	2 42 0.
由	<u> </u>
	10
Σ Σ Σ χ	Z Z
1 - 2	3
3	= 4
1 - \$ × ₃	
1 <u>4</u> ×y	5
1 p 1 1 b 1 x5	
2 = 46 - 1	7
$\sqrt{3}$: $\gamma_5 = \frac{1}{6}$, $\gamma_4 = \frac{1}{3}$, $\gamma_3 = \frac{1}{2}$, $\gamma_2 = \frac{2}{3}$	x1= 5
5 6, 14 3, 13 2, 12 3	, 1-6, .
T & T = 66	4=18 =
	20
$Rp: \chi = \frac{3}{2} \Rightarrow A_{\chi} = b \Rightarrow \Rightarrow \Rightarrow$	dr4
$\frac{1}{2}$	7
2 1 3	**
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	S.

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Date	· / · / · chi	()	1 /21		1 / / / / /	7.0	
					Eb (D		
txic				平线性方			7
		2 -1		$\begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} =$	2	1-	
		1	2 1	$\begin{bmatrix} x_3 \end{bmatrix}$	LGU		
				3			1
Solve	,这	1 7	B. J				
	2 -1		<u></u>	7 50	l, olz dz	[lu	1317
	27 -22	3* =	lu 1	2.	olz d	, <u> </u>	232
L	1 3	1.1	L 041	1 1 1	043		
	$d_1 = 2$	lz1 =	:	$l_{31} = \frac{1}{2}$	4	- 11	17
	1	4.1					
	$d_2 = -\frac{5}{2}$., l32	=	* 1	3		
	dz = 2]	X					
15	- E 1	· Itx	1 F 4	7 [. 7		1
每		X	1 9	, =	z	b	1
	<u></u>		, , ,	3	6]	- V	G8:
	,>	5 10			69	7.	07
	> y1 = 4	y ₂	= 7.	y3 =	5		
			, , , A	_1	5.		1
典由		tin Co	d & xA	E. C.	7 -	1 [/. 1
	2			$-\frac{1}{2}$	2	-	4
	-Σ			-	1 00	=	7

 $-\frac{2}{5}$ $-\frac{1}{5}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$

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$$\begin{bmatrix} 2 \\ -\frac{14}{5} \\ \frac{23}{9} \end{bmatrix}$$

1 Let
$$\chi_3 = \frac{23}{9}$$
, $\chi_2 = \frac{7}{9}$, $\chi_1 = \frac{10}{9}$

那, 方形组上部的
$$\chi = \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} = \begin{bmatrix} \frac{19}{9} \\ \frac{7}{9} \end{bmatrix}$$
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