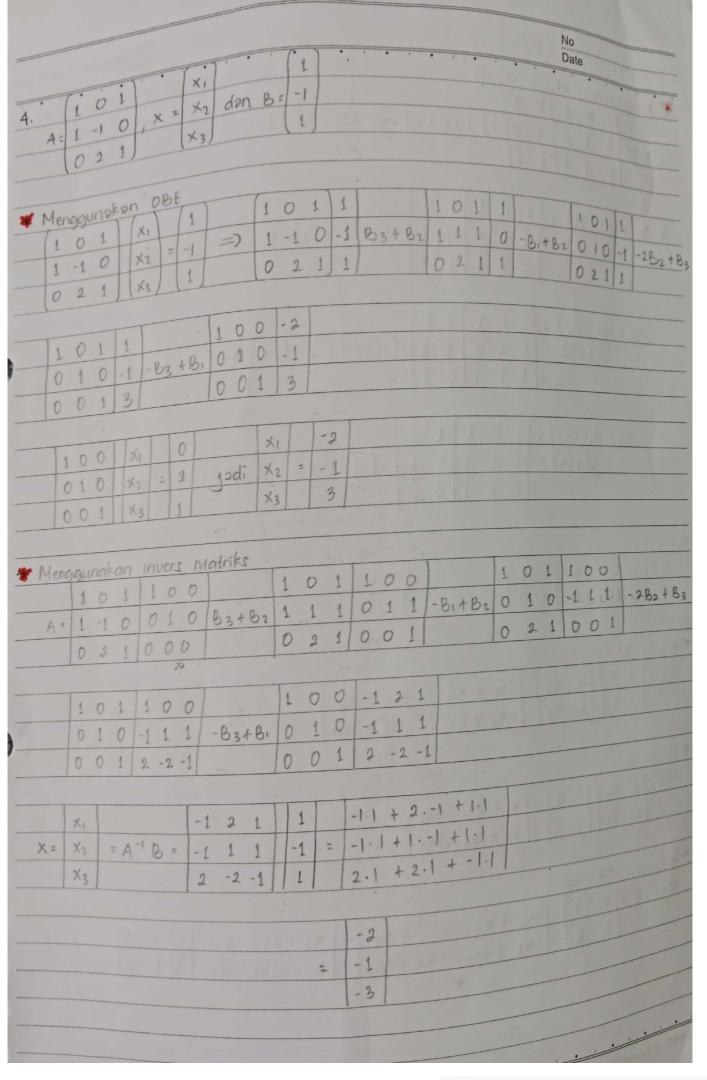


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whohan pig dan r)	
6. SPL homogen (dengan perubahan p.g dan r)	C application
p+29+1-0	Taking and the same
a + 2r = 0	
	0.00
F ² p + (k+1) q+r = 0 Tentukan nîlaî k sekarang sehingga spl punya solusî tunggal	And It
	A- E day pin
7. Misalkan	
B = 1 3	· · · · · · · · · · · · · · · · · · ·
(5 3)	18 18 1 7 - pt - pt -
Tentukan vektor tak nol ū = x sehingga Bū = 6ū	12 121 124 1
(9)	2-174-12114
1 Lateral	programmed the following metalson to
Jawaban	On W- W- plant
1. 2a - 8b = 12	0 - HT 24 - 1 - 10 F 12
30 - 66 = 9	0=401219
-9+26=-4	- 21 - 00-+8+12 118+10 - 15-
ubah te matriks	
$2 - 8 0 12 B_1 \Rightarrow \frac{1}{2} B_1 1 - 4 0 4 B_2 \Rightarrow B_2 - 3B_1$	1 -4 0 6 11 14 14 16 16 16
	0.60-0
1-120 -4	-120-A
	- 1x - 1 t 0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	406
-120-1	0 -1,5
10-20 2 0-2	202
1-40 6 83 -> B2 + 2B2 1 1 0 1 0 0	10000
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1462 1
0 -2 0 2	010-1,5
000 -1	000 -11
Karna C n - 1	0 10 4
karna C, 0=-1 jadi sistem persamaan linear ini tidak	memiliki solusi.
1100	M 100 1 1/2 1/2 X 115 1
· Internation	(VIII)
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=	- +35 = 4	
*	2. 20 - 20	
-	p-9 +25 = 1	
	$\frac{p-q}{-2p+2q-4s=-2}$	
7	Uboh ke matriks 1 3 4 B2 -> B2 - 2 B1 2 -2 -1 3 4 B3 -> B3 + B1	2-2-13 4
<u>-</u>	2-2 0 0 2 2 -1	0022-1
	-2 2 0 -4 -2	00-1-112
-	-2 2 0 -41-21	
- 1	2 -2 -1 3 4 B3 +3B3 + 2B2 2 -2 -1 3 4 B2 2 2 B2 2 -2 -2 -	13 4 B1 - B1 - B2
		1 1 -2
	0022 000000000	000
	0 0 -1 -1 2	A Haraman
	2 2 (2 2 1 -1 -1 1 3	A Chila
_	2-2-226 31-3 3 2 0 0 11 -2	10 1 3 not 18
-	0 0 1 1 -2 0 0 0 0	
-	000000	4 - 100 per 10 : 16
-	n dalah	13-13-14-1-16
	Persamaan rang terkisa adalah	1 5401
-	p-q-r+s=3	FIL 0.0101
-	r+s = -2	
-	dan persamaan tedua dipindah ruaskan untuk mendapatkan nilai r:	4- 7-1-1
-		
	substitus nîloi r te persomoon pertomo: jodi, $p-q-(-2-8)+s=3$	
13		
	=p-q+2-5+5=3	
-	= p - q + 2 = 3	
-	=p-q=3-2 $p-q=1$	
	P = q +1	
3	12di solusi umum untuk ciutan	
	Jadi soluti umum untuk kiktem persamaan ini adalah p = 9+1	
	r=-2-5	
	9=9	
	5 = 8	
	Dimana 9 dons odoloh parameter bebas.	
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	No
3. $p - 5q - 4r - 7t = 0$ 9p + 10q - 7r + 8 - 7t = 0	
-2p-10g+8r+6+18t=0 -2p-10g+8r+6+18t=0 -2p-10g+8r+6+18t=0	
Dengan eliminasi $0.3 + (-2b_1 + b_2) = 1 - 5 - 4 = 0 - 7 = (2b_1 + b_4)$ $\begin{vmatrix} 1 & -5 & -4 & 0 & -7 & (-2b_1 + b_2) & 1 & -5 & -4 & 0 & -7 & (2b_1 + b_4) \\ 2 & 10 & -7 & 1 & -7 & 0 & 0 & 1 & 1 & 7 \end{vmatrix}$	0 20 1 1 7
0 0 1 18 -2 -10 8 1 18 -2 -10 8 1 18 -2 -10 8 1 -2 -10 8 1 -2 -10 8 1 -2 -10 8 1 -2 -10 8 1 -2 -10 8 1	0-200 4 -4 0 -7 (-B2+B4)
0 20 1 1 7 0 0 1 1 7 0 0 1 0 0 0 0 0 0 0 0	-4 0 -7 (-63 +B4) -20 -20 -20 1 1 -7 1 2 11
1 -5 -4 0 -7 (-B4+B3) 1 -5 -4 0 -7 (-\frac{1}{20} \Bar{1}) \\ 0 1 \tau \tau \tau \tau \tau \tau \tau \tau	B2) 1-5-40-7 01000 00103 00014
1-5-40-7 (5B2+B1) 10-40-7 (4B3+B1) 100 01000 0100 010 00103 00103 001 00014 00014	0 0
Diperble6: Dengan: P + 5 t = 0 misalkan t dalam paramenter i, 9 = 0 maka solusinya $(-5i, 0, -3i, -4i, i)$ S + 4 t = 0	



No	W.
Date	•
Menggunakan aturan cramer 1 0 1 0 1 1 0 1 0 1	
OET(A) = 1 1 2 1 2 1	
$-b \times_{1} = \det(A_{1}) = 1 0 1 1 0$ $\det(A) -1 -1 0 -1 -1 = (-1+0+(-2)) - (0+0+(-1)) = -2$ $1 2 1 1 2$	
$x_2 = \det(A_2) = 1 \ 1 \ 1 \ 1 \ 1$ $\det(A) 1 \ -1 \ 0 \ 1 \ -1 = (-1+0+1) - (1+0+0) = -1$ $D \ 1 \ 1 \ 0 \ 1$	
	3 6
5. Misalkan $A = 3 1 B = 1 4$ $-1 2 2 0$	* 6
* Hitung Ax: $Ax = 3 \ 1 \ x_1 \ x_2 = 3x_1 + x_3 \ 3x_2 + x_4$ $-1 \ 2 \ x_3 \ x_4 \ -x_1 + 2x_3 \ -x_2 + 2x_4$	
# Hitung x8: $x_{B} = x_{1} x_{2}$ 1 4 = $x_{1} + 2x_{2}$ 4 x_{1} $x_{3} x_{4}$ 2 0 $x_{3} + 2x_{4}$ 4 x_{3}	•
* Persomaan Ax - XB :	•
Ax - xB = 2 - 2 : 3x + x	•
$Ax - xB = 2 - 2 : 3x_1 + x_3 3x_2 + x_4 - x_1 + 2x_2 4x_1 = 2 - x_1 + 2x_3 - x_2 + 2x_4 x_3 + 2x_4 4x_3 5 4$	
	9
	- \$
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	No
nersomoon étalar	Date
matriks menjaci	annum municipal de la constantina della constant
* Persamaan matriks menjadi persamaan stalar	
P flemen 6. 14 + 2×2) = 0	
$\frac{(3x_1 + x_3)^{-(x_1)}}{3x_1 + x_3 - x_1 - 2x_2 = 2}$	
. 10 - 12	
$3x_1 + x_3$ $2x_1 + x_3 - 2x_2 = 2$	
4.7	
hadus	
-D Elemen kedup $(3x_2 + x_4) - 4x_1 = -2$	
$(3x_2+x_4)$	
$\frac{3x_2 + x_4}{3x_2 + x_4 - 4x_1 = -2}$	
-b Elemen ketigo	
$-b \ Elemen \ ketig2 (-X1 + 2X3) - (X3 + 2X4) = 5$	
$\frac{(-x_3+2x_3)}{-x_1+2x_3-x_3-2x_4=5}$	124 Hat Water S
-X1 + 2X3 - X3	
$-x_1 + x_3 - 2x_4 = 5$	
	111 111 011 1011
-D tlemen keempst	
$(-x_2 + 2x_4)^7 - 4x_3 = 4$	THE RESERVE OF THE PARTY OF THE
$-x_2 + 2x_4 - 4x_3 = 4$	
- X2 + xx4 - 1x3 - 1	
Sehinggo:	A STATE OF THE STA
1. $2x_1 + x_3 - 2x_2 = 2$	
2.3×2+×9-4×1=-2	
3Xi + x3 - 2xq = 5	
4 X2 + 2 X4 - 4 X3 = 4	
4 17	
* Penyelessian sistem persomaan linear	
$X_1 = -113$ $X_2 = -160$	
37 37	
X3 = - 20 X4 = - 46	
37 37	
1 adi matrike v	
Jadí motriks x yang memenuhi persamaan tsb adalah:	
-100	
71	
- 20 - 46	
37 37	

	No Date
6. p+2q+r=0	
9+21=0	
k2p+(k+1)q+r=0	
1, 2, 1 2 1 (1 + 41 2 +0) - (0 + 2K+K2)	
A = 0 1 2 1 2 = (117)	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Det (A) = $(1 + 4k^2 + 0) - (k^2 + 2k + 0)$	
= 1+4k2-k2-2k	
= 3k2 - 2k + 1	
	(11) - (20) 43/4
Dit: 3k2-2k+1 ±0	
	THE PROPERTY OF
Rumus = -6 + \(\int b^2 - 4ac \)	•
29	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
$k = -(-2) \pm \sqrt{(-2)^2 - 4 \cdot 3 \cdot 1}$	18 18 18 18 18 18 18 18 18 18 18 18 18 1
2.3	sat- sei i sa
$= 2 \pm \sqrt{4 - 4 \cdot 3 \cdot 1}$	15.7761 . 5. 1
6	
$= 2 + \sqrt{-8}$	2 1 2 2 2 2 2 2 2
6	
= 2 + 21 \sqrt{2}	
4	
$=1\pm i\sqrt{2}$	A STATE OF THE STA
3	
Hostland	- 7 1 h
Hassinya Land	
$k = 1 + i\sqrt{2}$ atau $k = 1 - i\sqrt{2}$	111111111111111111111111111111111111111
3	

