

```
0
                    (4.3) - 5.7 = 12 - 35 = -23
B 1-3 2 41
                      -3 2 4
                                       ((-3) (-1).0) + (1.4.4)+ ((-1).2.2) - (4.6-1).(-1) - (2.4.6-3)) - (0.2.1)
    1 -1 2
                                                        16 - 4 - 4 + 24 = 32 4
                       -3 2 4
                        1 -1 2

\begin{pmatrix}
2 & -1 & 3 \\
5 & 4 & 4
\end{pmatrix}

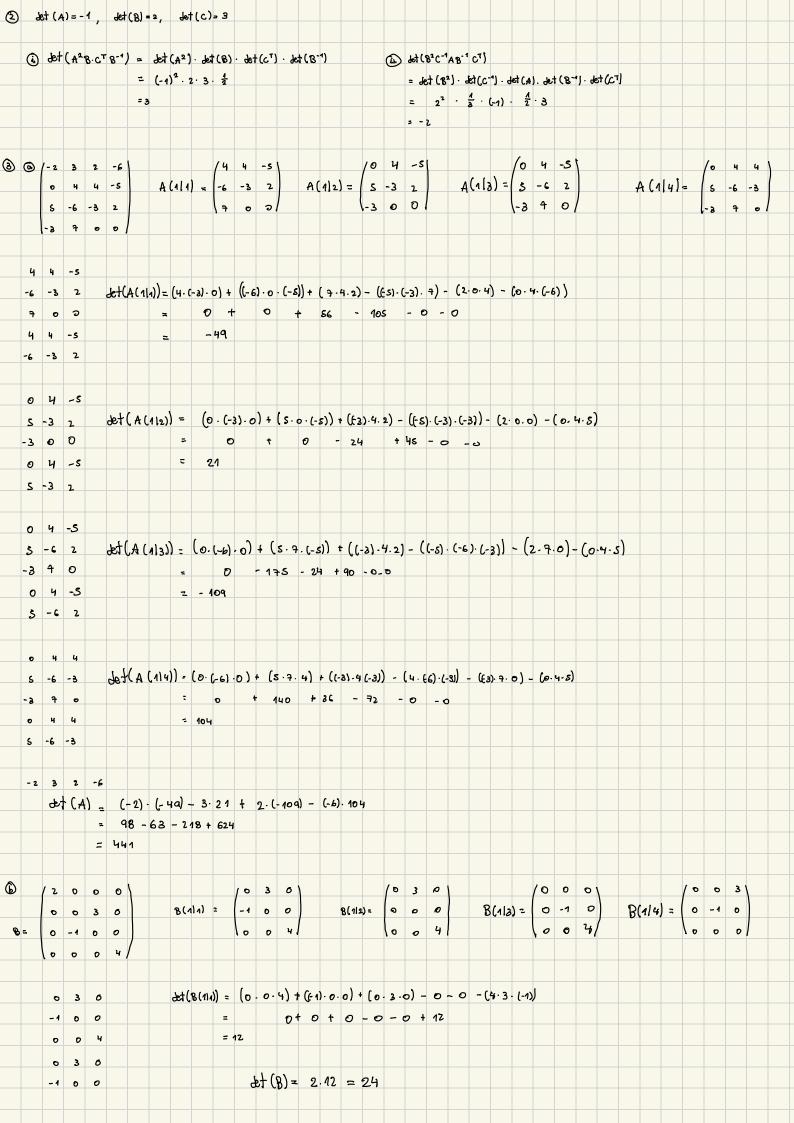
A(1|4) = \begin{pmatrix}
2 & 5
\end{pmatrix}

A(1|2) = \begin{pmatrix}
3 & -1 & 3 \\
0 & 4 & 4
\end{pmatrix}

A(4|3) = \begin{pmatrix}
5 & 2 & 3 \\
0 & 5 & 4
\end{pmatrix}

A(4|3) = \begin{pmatrix}
1 & 1 & 5
\end{pmatrix}

 2 -1 3
                det (A(1/1)) = (2.1.5)+ (5.2.3)+ (1.6.1)-1)-(3.1.1)-(1.2.2)-(5.6.1).5)
 5 1 1
                                = 10 + 30 - 1 - 3 - 4 + 25
 1 2 5
                                = 65 - 8
 ટ ∼1 રૂ
                                = 57
 S 1 1
 0 -1 3
                 \det (A(1|2)) = (0 \cdot 1 \cdot S) + (0 \cdot 2 \cdot 3) + (1 \cdot (-1) \cdot 1) - (3 \cdot 1 \cdot 1) - (1 \cdot 2 \cdot 0) - (5 \cdot (-1) \cdot 0)
 0 1 1
                                2 0 t 0 - 1 - 3 - 0 - 0
 1 2 5
 0 -1 3
 0 1 1
                tet (A(1/3)) = (0.5.5) + (0.4.3) + (1.2.1) - (3.5.1) - (1.1.0) - (5.2.0)
                             = 0 + 0 + 2 - 15 - 0 - 0
 1 1 5
                             = - 13
                bet (A(1/4)) = (0.5.2) + (0.1.(-1)) + (1.2.1) - (6-1.5.1) - (1.1.0) - (2.2.0)
                           2 0 t 0 t 2 t S - 0 - 0
       2
                            2 <del>1</del>
 0 2 -1
 0 8 1
     det (A) = (-1)2.2 det (A(1/1)) + (-1)3.3. det (A(1/2)) + (-1)4 det (A(1/3)) + (-1)5. det (A(1/4))
             = 2. Let (A(111)) - 3. Let (A(112)) + Let (A(113)) - Let (A(114))
             = 2.57 - (3.(-4)) + (-24) - 7
             = 114 + 12 - 13 - 7
             = 106
```



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	С	=		0			1		C (114)	2	0	0	-1	ч		C (1 2		l l			4			C(1l					4			
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								<i>C</i>	.(41	[4]			0				C	(118) E	0	0	0	-1											
			د /	0	0	1					-1	0	0																					
				2	1						0	2	1																					
_A (1l 1)	= '	0	- 1	4	1		4 (1)	2)		. 0	-1	4																					
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