

Problem 13 1A1=+1(-3)=-3x  $A21 = (-1)^{3} + 1 = 1 + 1$  +10 - 3 = -8 2 - 1 - 2A-11 = (-1)2-1 A12=(-1)3 | -1 0 0 | A22=(-1) | -1 -1 -1 | -1 | -2 0 -3 | -2 0 -3 | 0 1 -2 | A23= (-1)5 41 +1 +1 A13= (-1)9-1-10 -7+1-3=4 A24= (-1) 6 +1+1-1 -1 -1 +10= A 14 = (-1) 1 -1 0 = 34

Problema 13 A33=(-1)6 A31= 0 =+2 0 2 A34(-1)7 A32= (-1) 1 -1 -1 0 +1 0 -1 A42= (-1) 1 -1 -1-1 A41=(-1 1 0 3 -1 0 -1 6 0 0 -3 -3 0 +1 A44=(-1)8 43=(-1) -1 -1 -10 = 0 =3 -1 -1 -2+1 -3 -8 1 3 Amersa A = -3 3 5 -1 5 4 -8 7 4 0 -1 -1-2-2 3 7 3 3 =13 3-13-1 1 W=+4+3-8+5=24 7 W 1 3/3 x y

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2×-	+4- <del>2</del> +4+ <del>2</del> -24 -24-2	+W=	3		2-2	-10 +1+1 0+1 -1+3	100	A1 = 20	2/		
	2 -2	3	- 1	2 - 2	1 3	2 -2	1 =	1(6)-1(			
$A_{11} = (-1)^2$	+1+1	+1 +3	-172	A21=(-	1) 1 -1 2	-1 0 0 1 -1 +3	==7	A31=(-1)	+1 -1 +1 +1 +2 -1	0 = 1 3	5)
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Ans=(-1)	1-1+1 2-2 0+2					1 . 2	THE RES	ESTERNISHED TO SERVICE	1 1 0 2	1 =	4 4
A14= (-1)	-1 1 2 -2 0 +1	1 0 -1	=+1}	A24-(-				A34=(-1)*	-1 1 0 2	1 -1	
A41=(-1)	-10	0 1	==4)	, A12=(	1-11-1	01	=-4	A43-(-1)	-1 1 2 -1	1 =	-6 ×
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Problema 15 15= 1x -4+2= 3  $A_1=(-1)^2 = (-1)(-2-3)$   $A_2=(-1)^3 - 12 - 5(-1) = 5$  $A12=(-1)^3$  3 1 =(-1)(-3-1) = 4  $= (-1)^4$  1 2 = 2(1)=-2 = -2(1)=-2A23=(-1) 1-1 2(-1) =-2  $A13=(-1)^4$  32=(1)(9-2) 13(1)(7)=7A= -5 4 7 At= -5 5 5 A31= (-1) 4 -12 = -5 (-1) = 5 5 - 2 - 2 4 - 2 3 5 3 6 7 - 2 6 A32=(-1) 1 2 -3 (-1) = 3  $A^{-1} = 1 \left( -5555 \right)$ 7 -2 6  $A33=(-1)^{6}(1-1)5(1)=6$ A-1=/-117 45 -1/5 3/3 75 -75 % 1-1 1 1 3 -3-1+5 = 1 45 3/3 3/4 -1 = 12/5 + 2/5 + 3 = 29/5 3/5 8/4 5 21/5 + 2/5 + 6 = 53. 1,29,53

Problema |6 = |x - y + z| = -2 |2x + y - 2z| = 5 |4x + y + 2z| = 0An=[-1]<sup>2</sup> | 1-2 4x | A21=(-1)<sup>3</sup> | -1 1 3 1 1 2 A12=(-1)3 2-2-12 4 A12=(-1)4 1 1 -2 × A13=(-1)9 2 1 -2 4 A23=(-1)5 1-1 -5 x 4 -2 -5 -1 A32=(-1)5 1 1 4 x A33 = (-1)6 1 -1 -1 + 7/4 3/4 /4 /2 | 4/4 +0 = 23,-17,6