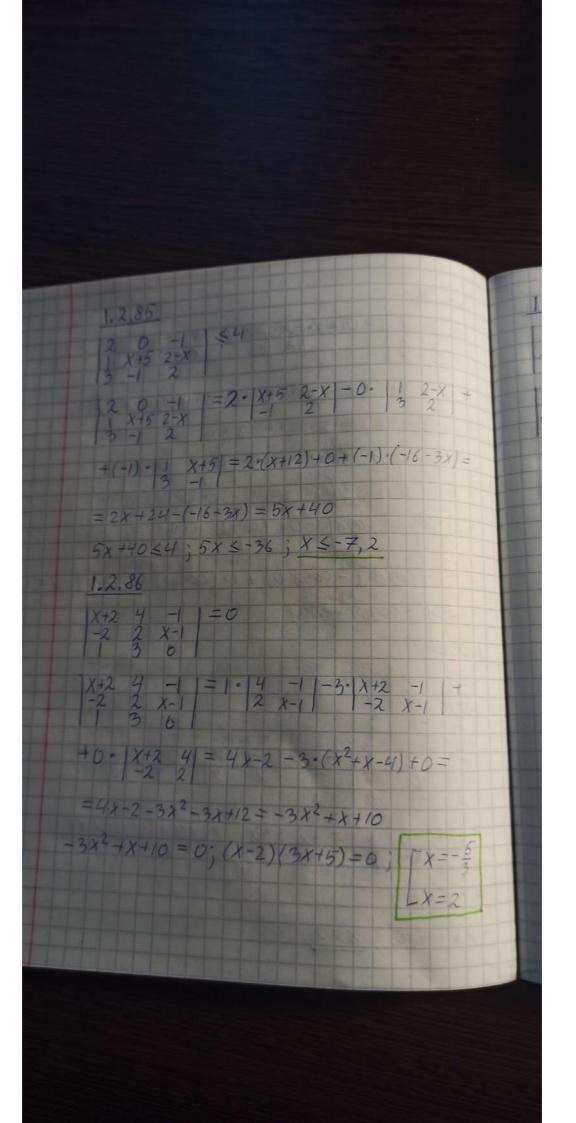
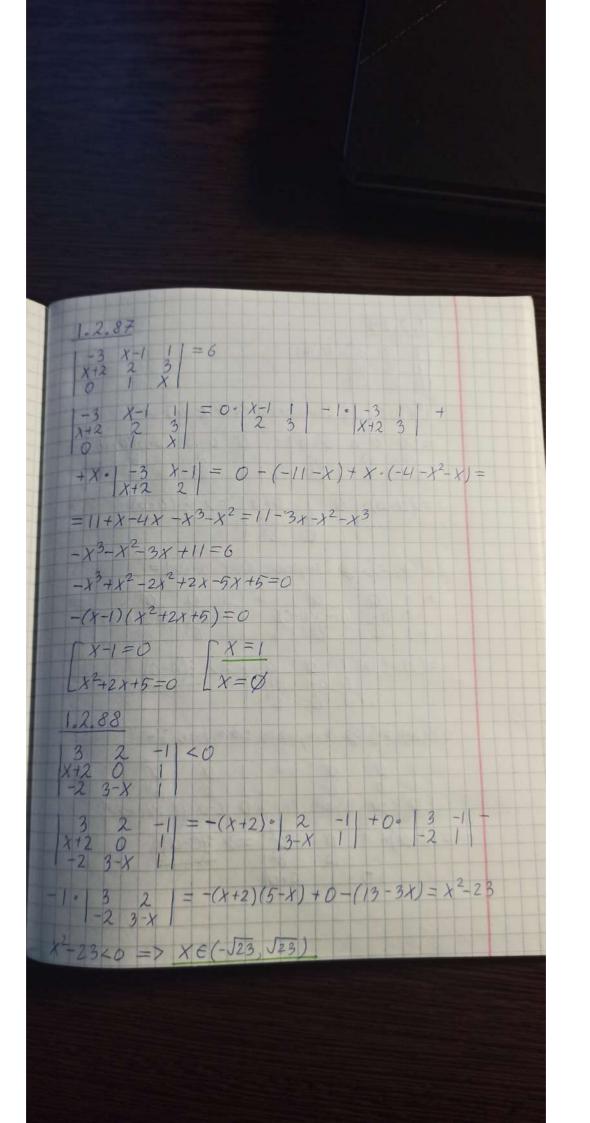
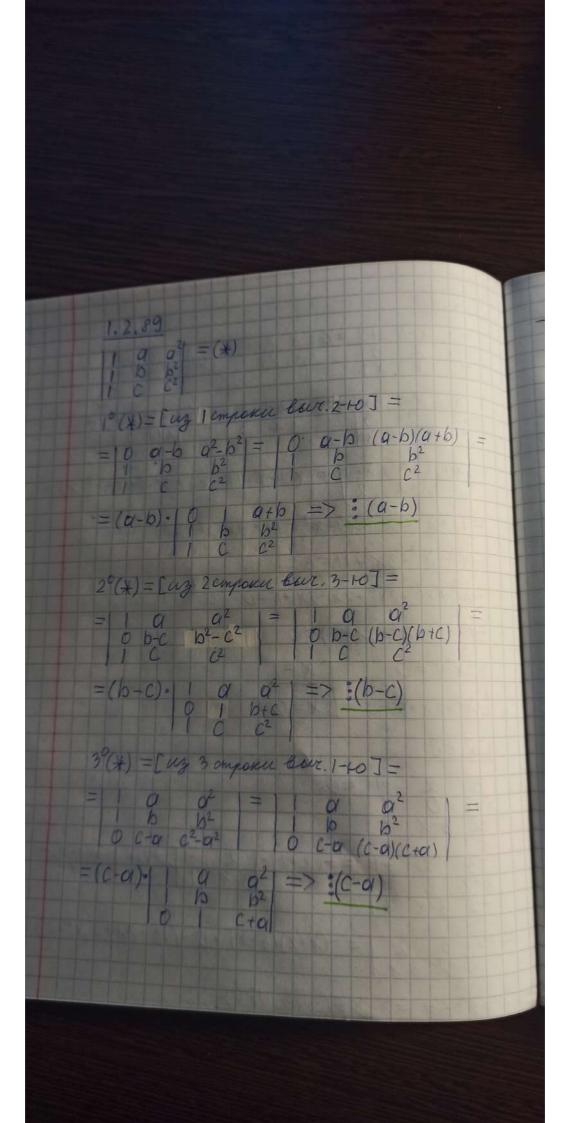
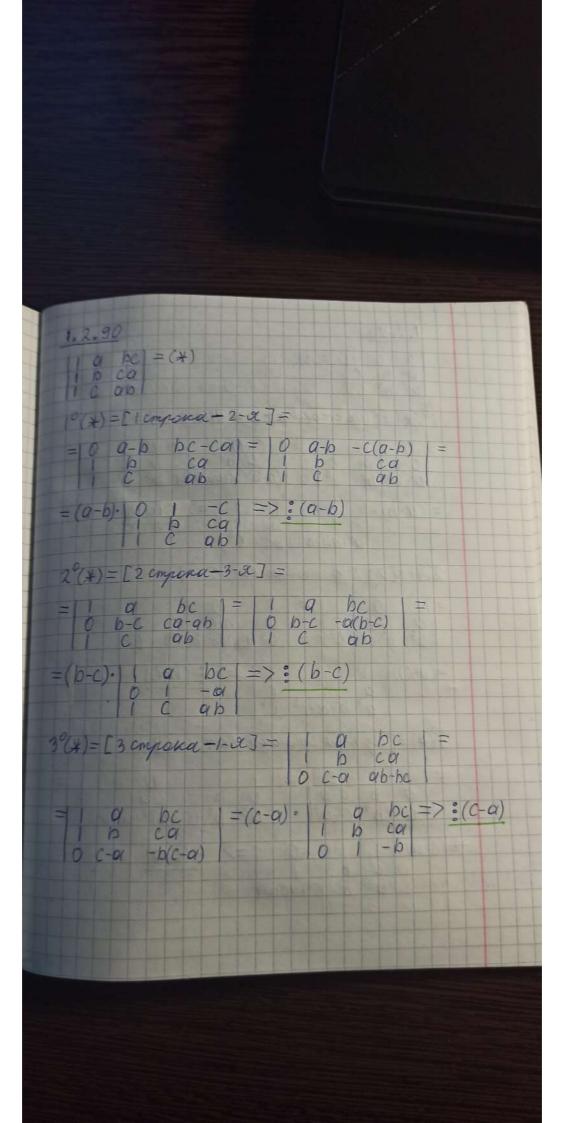


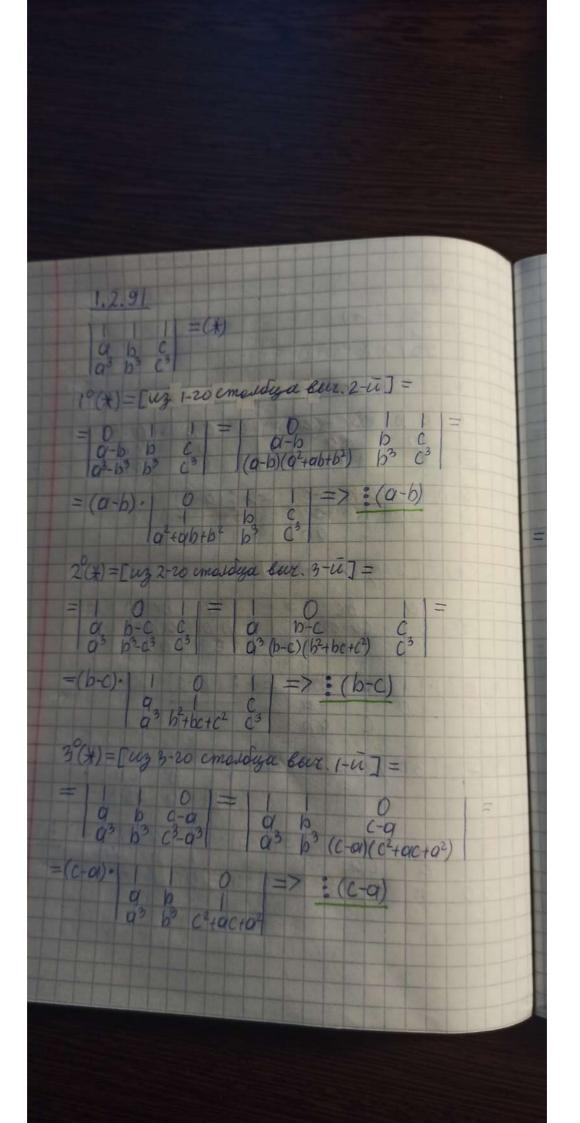
1.2.82 | X Y Z = 0 + Y · | X Z - Z · | X Y | = $= 0 + Y \cdot (XZ - Z \cdot X) - Z \cdot (X \cdot 0 - YX) = XYZ$ 1.2.83 | cosx cosx | = -1. | cosx cosx | + +1. 0092 0058 -0. 0052 0093 = =-1.(cog B.1-cog 8.0) + 1. (cog 2.1-cos 8.1) -0= = cogd - cogB - cogy 1.2.84 $\begin{vmatrix} -3 & 2 & 1 \\ x-1 & 0 & 7 \\ 2 & -1 & 3 \end{vmatrix} = -2 \cdot \begin{vmatrix} x-1 & 7 \\ 2 & 3 \end{vmatrix} + 0 \cdot \begin{vmatrix} -3 & 1 \\ 2 & 3 \end{vmatrix} - \frac{3}{2} = -\frac{3}{2} \cdot \begin{vmatrix} x-1 & 7 & 1 \\ 2 & 3 & 1 \end{vmatrix}$ $-(-1) \cdot |-3| 1 = -2 \cdot (3x - 17) + 0 + 1 \cdot (-20 - x) =$ =-7x+14 -7x+14=0; X=2

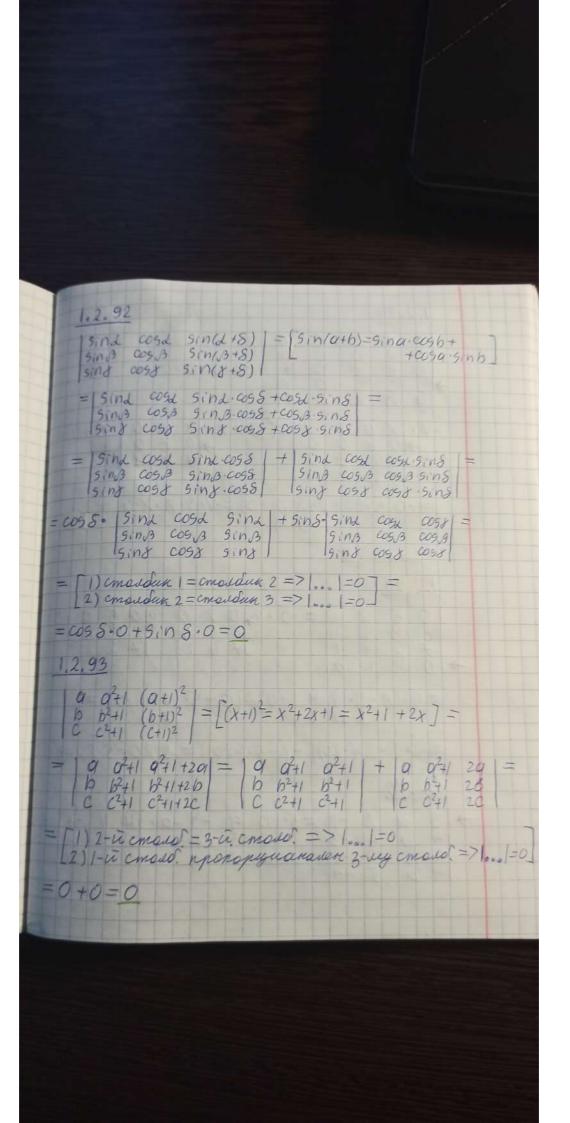


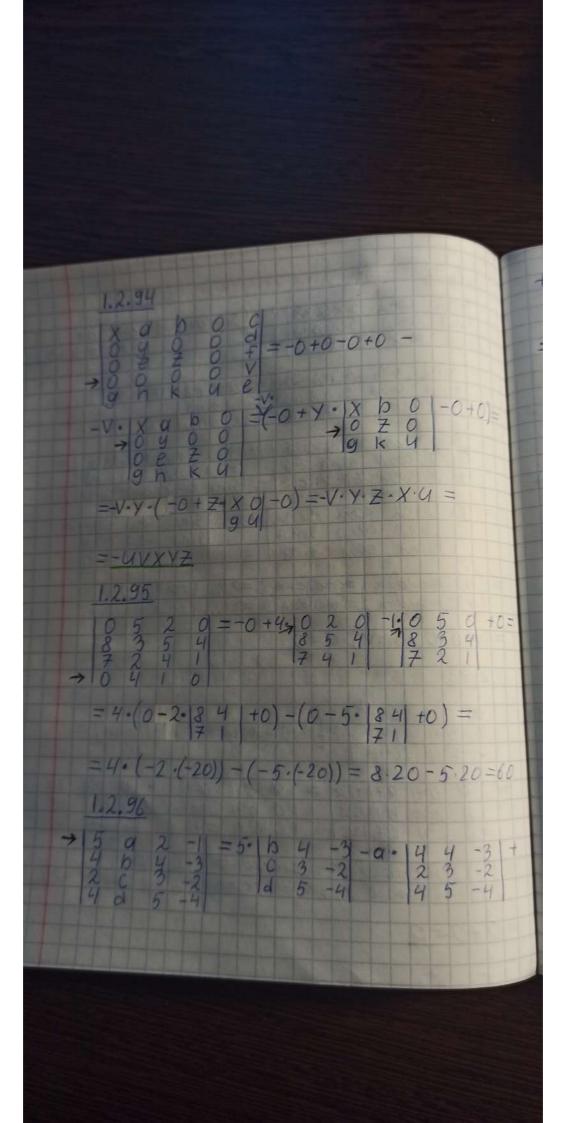




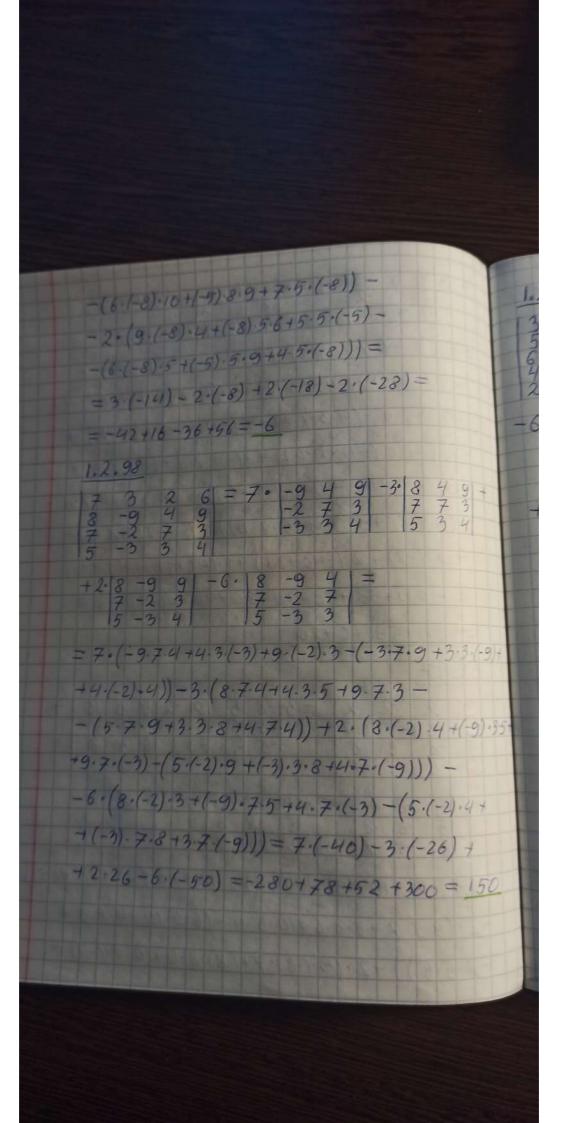


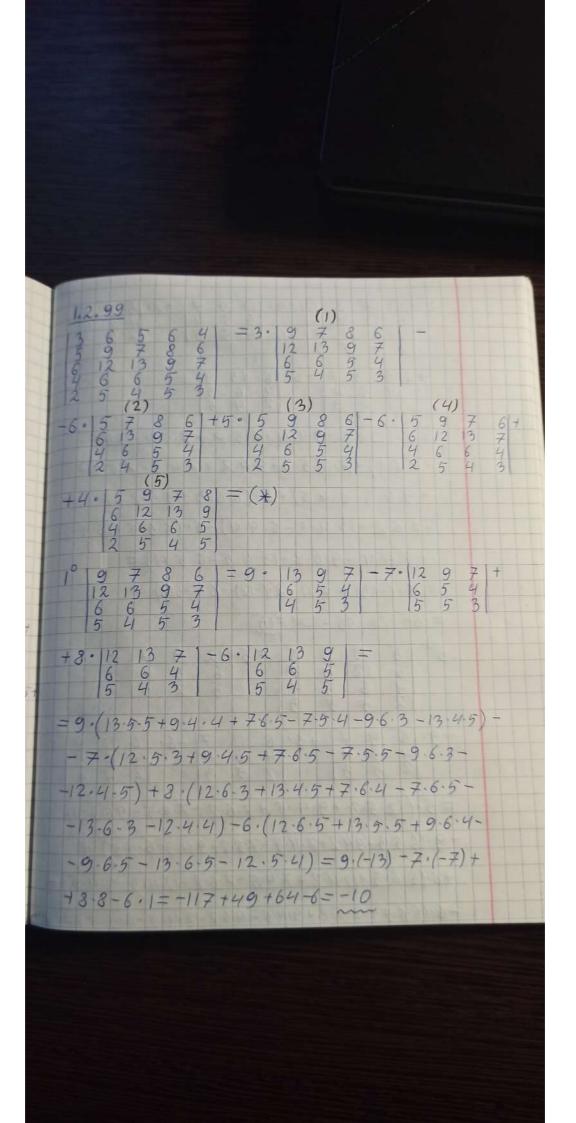






 $+2 \cdot \begin{vmatrix} 4 & 1 & -3 \\ 2 & 0 & -2 \\ 4 & 0 & -4 \end{vmatrix} - (-1) \cdot \begin{vmatrix} 4 & 1 & 4 \\ 2 & 0 & 3 \\ 4 & 0 & 5 \end{vmatrix} =$ = 5 - (D 3 - (-4) +4-(-2) - d + (-3) - C - 5 - (d - 3 - (-3) + +5(-2).0+(-4).(-4))-0.(4.3.(-4)+4.(-2).4+ +(-3)-2-5-(4.3.(-3)+5.(-2)-4+(-4).24))+ +2-(41-C-(-41)+15-1-2)-4+(-3)-2-d-(4-C-(-3)+ +d.(-2).4+(-4).2.d))+(4.C.5+b.34+42d-- (4-C-4+d-3-4+5-2-b))=5 (-2b+d+c)--a.(-2)+2.(-4c+2d)+1.(4c+2h-4d)= = -10 10 +5d +5c +2a -8c +4d +4c+2b-4d= =-8b+5d+C+2q 2 2 = 3° -8 5 10 -2·19 5 10 + 5 10 -8 5 8 5 5 8 5 8 -5 4 7 6 4 7 +2· 9 -8 10 -2· 9 -8 5 = 3· (-8·5·7 + 5 -8 8 6 -5 4 +58(-5)+10-(-8)-41-((-5)-5-10+48-(-8)+7-(-8)-5) -2. (9.5.7+5.8.6+10.5.4-(6.5.10+4.8.9+ +7.5.5)) +2.(9.(-8)-7+(-8)-8-6+10.5.(-5)-





+8.6 (3 7) -6.6 [6 13 9] = = 5- (13.9.5+9.4.4+6.5.7-7.5.4-13.4.5. -9-6-3)-7-(6.5.3+9.4.2+7.4.5-7.5.2--9.4.3-6.4.5)+8.(6.6.3+13.4.2+7.4.4. -7.6.2-13.4.3-6.4.4)-6. (6.6.5+13.5.27 +9.4.4-9-6-2-13.4.5-6.5.4)= = 5.(-13) - 7.4 +8.(-12) -6.(-34) = =-65-28-96 +204 = 15 -9. 6 9 7 +8. 6 12 7 -6. 6 12 9 4 5 4 +8. 6 4 6 5 2 5 3 2 5 5 = 5-(12-5-3+9-4-5+7-6-2-7-5-5-96-3-12-42) -9.(6.5.3+94.2+7.4.5+7.5.2-9.4.3-6.4.5) + +8-(6-6-3+12-4-2+7-4-5-7-6-2-12-4-3-6-4-5)--6.(6.6.5+12.5.2+9.4.5-9.6.2-12.4.5-6.5.5)=

