1) $O_{y} \in \mathcal{L} \implies A_{x} + C_{z} = 0$, B = P = 02) $M(x_{j}, y_{j}, z) = M(z_{j}, 3_{j}, 1)$ $X = \mathbf{Z}_{j}, z = 1$ $Mogetabum & A_{x} + C_{z} = 0$ $A = \frac{1}{2}C \implies nogetabum & of use$ $\frac{1}{2}C_{x} + C_{z} = 0 \implies \frac{1}{2}x + 2 = 0 \quad (c \neq 0)$

~ 522 Apg 1x 1x+2=0 45.23 1) A(5; -4;0) EL, LIOX 11 d 1 0x => d 11 0yz => Ax+D=0 2) A(5;-4,6) E d=> A.5 = D D=-5A 3) D= -5 A rogeT. Ax-5A=0 A.(x-5)=0 = = {A + 0 } = X - 5 = 0

4) Torga L: X-5=0

N 523 2) a) A (5; -4; 6) Ed di=dz=dz, zge dz-orpezok na Oy novone d3 - otpezok na Oz x + y + == 8) \frac{5}{a} + \frac{-4}{a} + \frac{6}{a} = 1 x+y+ = - 7 = 0