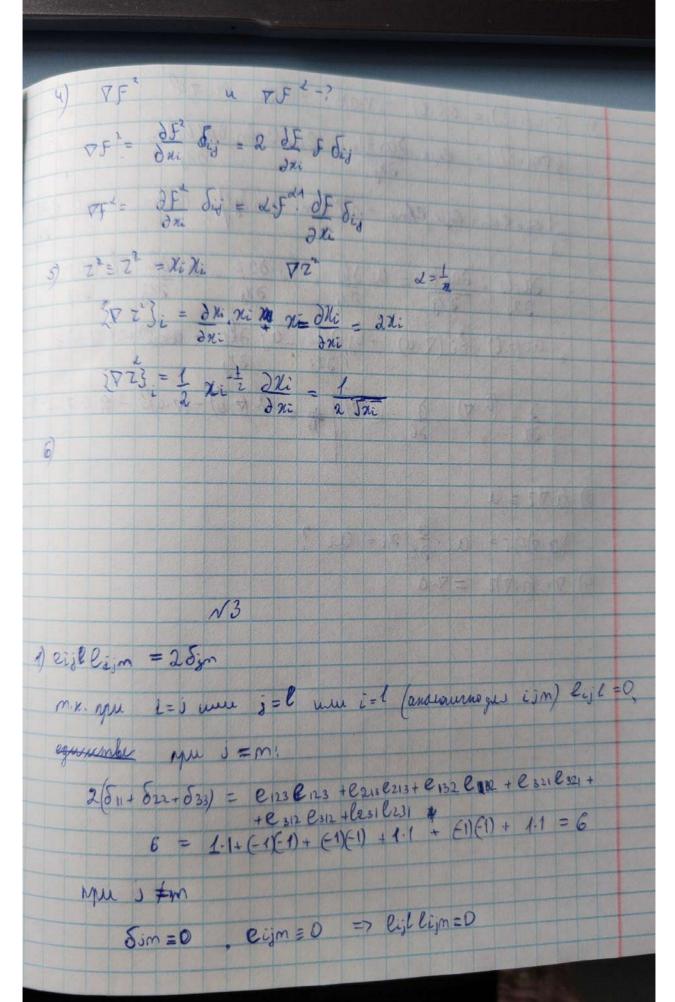
c=ax6 daxd6= Lc=1c' 2c' = 2 2c => 2c' = c c'=a'x6' $\bar{a}' = \lambda \bar{a}$ L'= L' m.x. gromacuairence B'=26 =) C = 2 T C' => bumop 1) {C}; = Ci = Ciju Qj bu , Z Gu = Cu = Ciju Qi b; lijk lij bx = - ejik aj bu = ejik ai bx = exij aj bj or See Prij = - Crix = lijk = lijk aj br = Brij aib; VXVF=0 2) $\{\nabla S\}_{i} \equiv \frac{\partial S}{\partial x_{i}}$ TX 95 = eigk DF = 0, mx. eigk - almen mengon 7 F- bernon 3) {z}i = xi > x = 0? Vx2 = eijx Ni = C C1 = C123 x, +C132 x1 = C123 x1 - C13 x1=0 Cz. . anarows



2) $\nabla \times (a \times b) = a(b \cdot b) + (\nabla - a)b + (b \cdot q)a - (a \cdot \nabla)b$ { max b) si = eija dax b) u = eija en lm dal bm) = = liju Erlm = Riju Ehme - del Sjm - Sim Sjl) = (Filsjm - Simbil) dallm $-\frac{\partial a_i b_i}{\partial x_i} - \frac{\partial a_i b_i}{\partial x_j} = \frac{\partial a_i}{\partial x_j} + \frac{\partial b_i}{\partial x_j} - \frac{\partial a_i}{\partial x_j} - \frac{\partial b_i}{\partial x_j} - \frac{\partial b_i}{\partial x_j} = \frac{\partial a_i b_i}{\partial x_j} - \frac{\partial a_i b_i}{\partial x_j} = \frac{\partial a_i b_i}{\partial x_j} - \frac{\partial a_i b_i}{\partial x_j} - \frac{\partial a_i b_i}{\partial x_j} - \frac{\partial a_i b_i}{\partial x_j} = \frac{\partial a_i b_i}{\partial x_j} - \frac{\partial a_i b_i}{\partial x$ = ai (r.b) - bi (r.a) + bj dai -aj de = and -box 2 = (a.v), & = (b.v) = a (-6) - (v.a) + 16-va-678 3) (a. 7 Z = a {(a. 1)2} = ai. 2 ni = ai? 4) V. (axV)2 = V.a