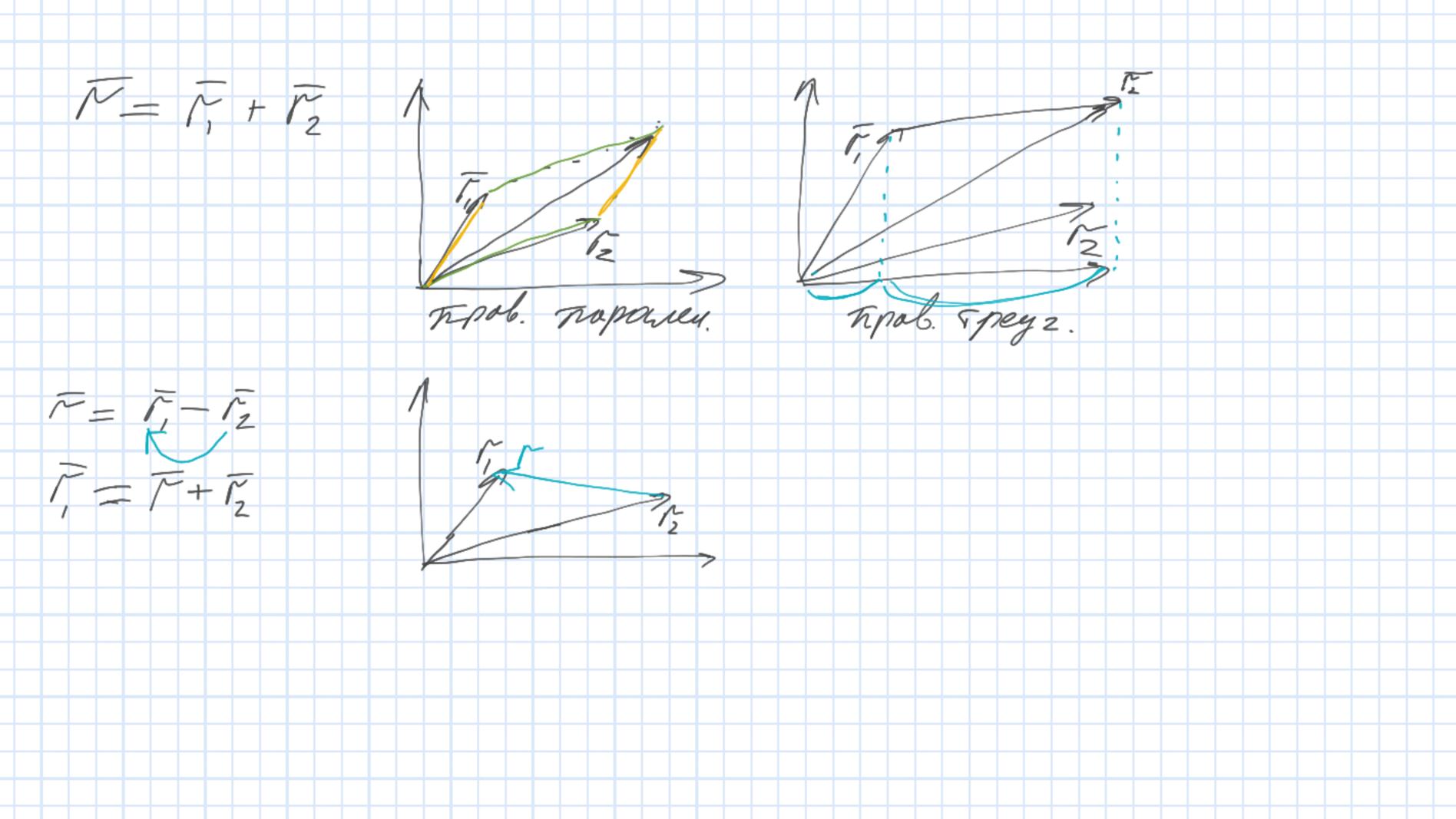
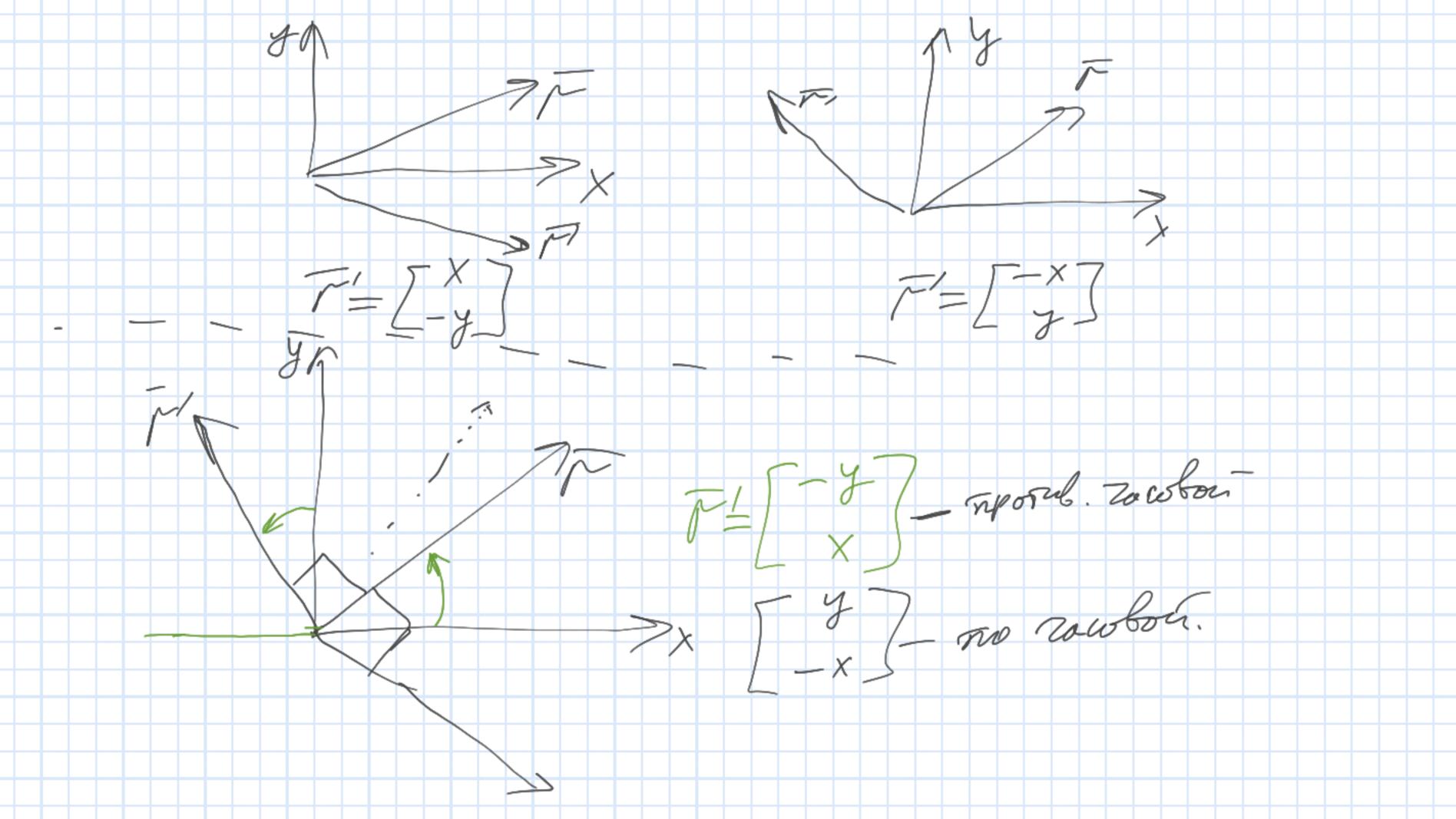
360°- Howken 080po8 TOLOUGE A Bonn policos hy = 2 h norman odopor 6 poduanocx r= 241 L=291 Tranger: hp=29/10 360 y= rsiny arcsq V=[-=;3] Jaduaris: Ly=21/1. 2n = Pr= JX2+42 1 y = atan 2 (y,x) atar2 (y, x) = [-1, 2]





Crasepuce Typous 6 1) (4/, /2) = x (/, /2) T, T2 - 62888pa (T, T2) = X, X2+ Y, Y2 = 1 proof d >0. |dF||02|cos dr, r= 1-1/12/COSF, 12 = \alpha /1/1/2/cos/-,/2 $\propto \langle 0: | \Delta T_1 | T_2 | Cos \Delta T_1, T_2 =$ $= (-\Delta) | V_1 | T_2 | (-Cos T_1, T_2)$ E, - lowerrow bergo 1-Gerrap En = 1/11 2] (1, +12, 1-)=(1, 1-)+(12/1) Proof $C = C_1 + C_2$ C_1, C_2, C_3, C_4 C_4, C_5, C_7 C_7, C_7, C_7 C_7, C_7, C_7 (F, E,) = |F|/E,/ cosa = 17/cosa T= X L + Y J

i,j- Saguerene opposi

i X

XXX2 $(7,7)=(x,i+y,j,x_2i+y,j)=(x,i,x_2i)+$ (F, F)= C* F= (4+62) F= (F,F)+(F,F) $(x,i,y_2)+(y_1,x_2,i)+(y_1,y_2)=x_1x_2+y_1y_2$

33 (1,12)=(12,1) Bekropnas Typough. 1, 12 = X, y = X y, = |F||F|sin F, F2 [1,12]= [x,y2]= x,y2-x2y, · - craceproe apougl. (dot product) X - lexy opine spous (cross product) D[a 1, 12] = d[1, 12] 2] [7,+12, 7]=[1,19+12,7] $3][T_1,T_2]=-[T_2,T_1]$ prune pepure 3) С какой сягроны вектор. 1) Throwado naparerospanna; 2) Rpoleppa Kolumapnocre;

