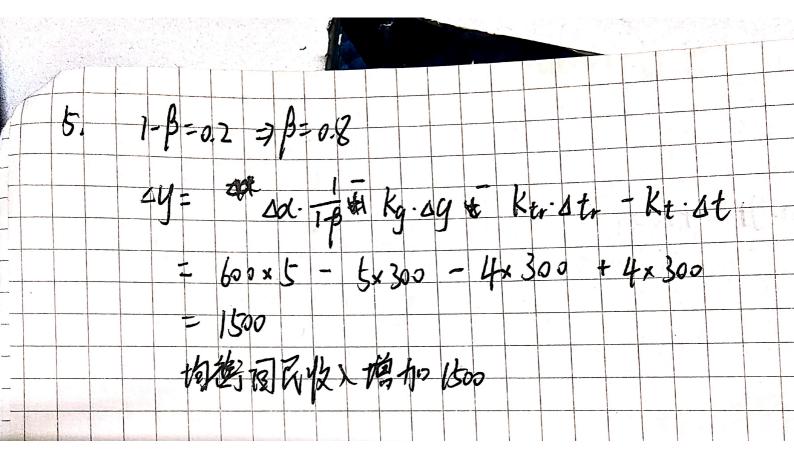
1. (1) y= c+ + q * yd= 4+62.5-250 E412 : 4=100+0.8(y-20+62-5)+50+200 =7 4 = 1000 (2) B=0.8 Ki = F0.8 = 5 kg = 1-p = 5 kt = - 1-B = -4 Ktr = 1-1 = 4 2. (1) $\Delta g = \frac{\Delta y}{k_g} = \frac{200}{5} = 40$ 12) At = Ay = 200 = 50 13) Dy = kg. og. oy = ke-at sy, + sy = sy = st = 200 ag= at = 200

3.
$$\beta = 0.75 \ \angle 1 - \beta = 0.25$$
 $\Delta y = \Delta i \cdot ki = \Delta i \cdot \frac{1}{1-\beta} = 20 \cdot x = 20 \cdot x$



Patro 1: (1) yd= y- tn Y= Ctity+nx FANK y= 30+0.8(y-50)+60+50 +60-2.054 0.24 100) 4= 400 y= 600 (2) $nx = 50 - 0.05 \times 600 = 20$ 137 Pi= 1-08 (4) y'= 4+ 64 = 600 + 5 x 10= 600 (3) y=30+08(y 50)+60+60+50-00+14 (3) Y= 30+0.8(4-80)+1+80+80-0.054 y= 30 + 0.8y - 40 + i + 100 - 0.05 y 0-25y= it 90 => y= 4 i+ 360 ki = dy = 4 y'= ki-si+ y= 600 + 40= 640 nx'= 50- 0.05 x 640 = 50-32 = 18 y= 30+ 0.8y-40+60+90-0, oty 15) => y= 560 nx=40-50× # 20=12