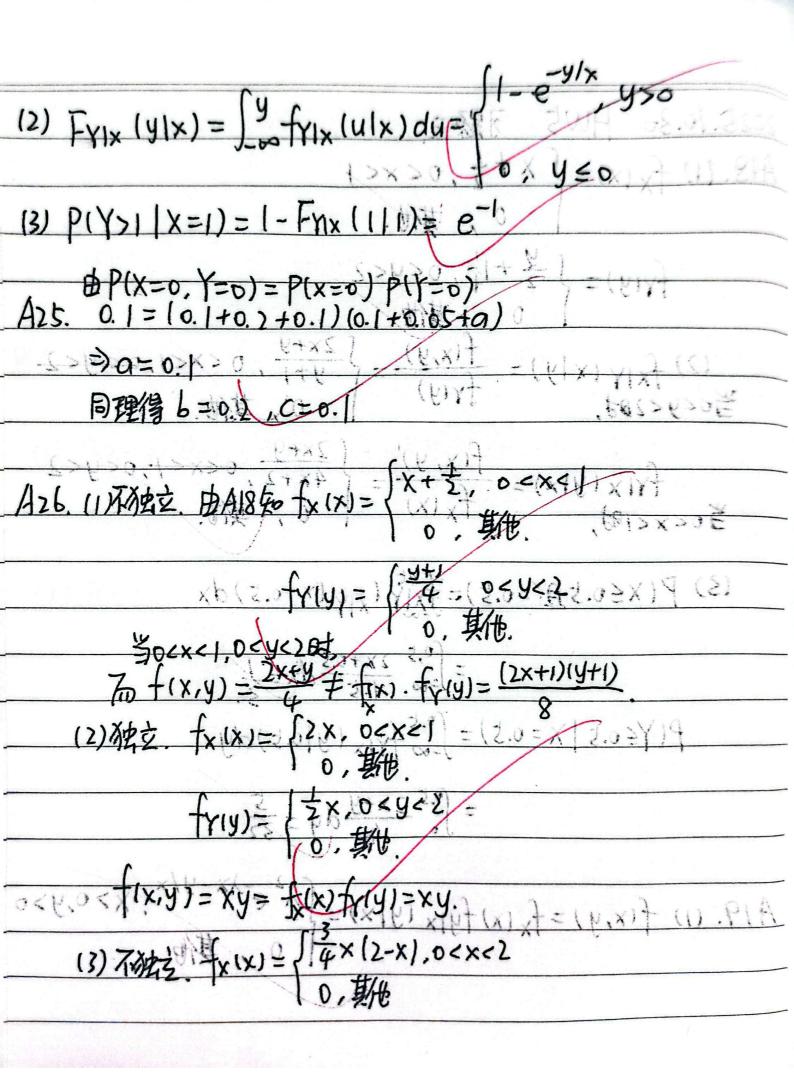
2025.10.30 HW5 习题主(XIV) (5) A18. (1) fx(x) = [x+ = , 0 < x <] 0,世他 friy)= (2) fx1x(x1y) = f(x,y)
fx1y 当のとりく20は、 fy|x (y|x)== f(x,y) = {2x+y ocx+, ocy<2 / 4x+2, 0 = 4x+2 (3) P(x < 0.5 | Y = 0.5) = for fx1x (x + 0.5) dx (17/1/(1+x1) = (0,5) 2x+0,5 dx P(Y < 0.5 | X = 0.5) = (= frix (y | 0.5) dy A19. (1) f(x,y)=fx(x)fy(x)fy(x)=fx(x)=x)2ex=y/x, x>0,y>0 0 集化公司(1) 一本×(2-x),0<xc2



$$f_{Y}(y) = \begin{cases} \frac{3y^2}{8}, & 0 < y < 2 \\ 0, & \text{wh}. \end{cases}$$

$$70 = \begin{cases} 0, & \text{wh} \end{cases}$$

$$83. \text{ Integral of the state o$$

