$$\frac{Q_{1}}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{x-1}$$

$$= \lim_{x \to j^{+}} \frac{\ln(2)}{x-1}$$

$$\frac{\ln \ln(2)}{(x,y)\rightarrow(j_{2})} \frac{\ln(2)}{x-1}$$

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$$\frac{\ln \ln(2)}{(x,y)\rightarrow(j_{2})} \frac{\ln(2)}{x-1}$$
So $\lim_{x \to j^{+}} \frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{x-1}$

$$\frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{x-1}$$

$$\frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{x-1}$$

$$\frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{x-1}$$

$$\frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})} \frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})}$$

$$\frac{\ln(1-x+xy)}{(x,y)\rightarrow(j_{2})}$$

扫描全能王 创建

$$f(x,y) = \int \frac{2x+1}{x^2+y^2} \frac{3\pi(x^2+y^2)}{(xy) = (0,0)} (xy) = (0,0)$$

$$\lim_{(x,y)\to(00)} f(x,y) = \lim_{(x,y)\to(00)} \frac{2x+1}{x^2+y^2} sin(x^2+y^2)$$

$$= (1/m) \frac{2x+4}{x^2+y^2} sin(x^2+y^2)$$
(xy) = (00) $\frac{2x+4y^2}{x^2+y^2}$

$$= (xy) - (00)$$
 (25x+1)

$$= (im)$$
 $2z+1 = 1$
 $(xy) \rightarrow (00)$

$$\lim_{(x,y)\to(00)} f(x,y) = f(0,0) = 1$$

$$\frac{Q_3}{f(x,y,z)} = \frac{3x^2 + y^2 + z^3}{3x^2 + y^2 + z^3} = 3$$

$$\frac{\nabla F}{f} = \frac{C}{6x}, \frac{2y}{2z} \Rightarrow \frac{2z}{2z}$$

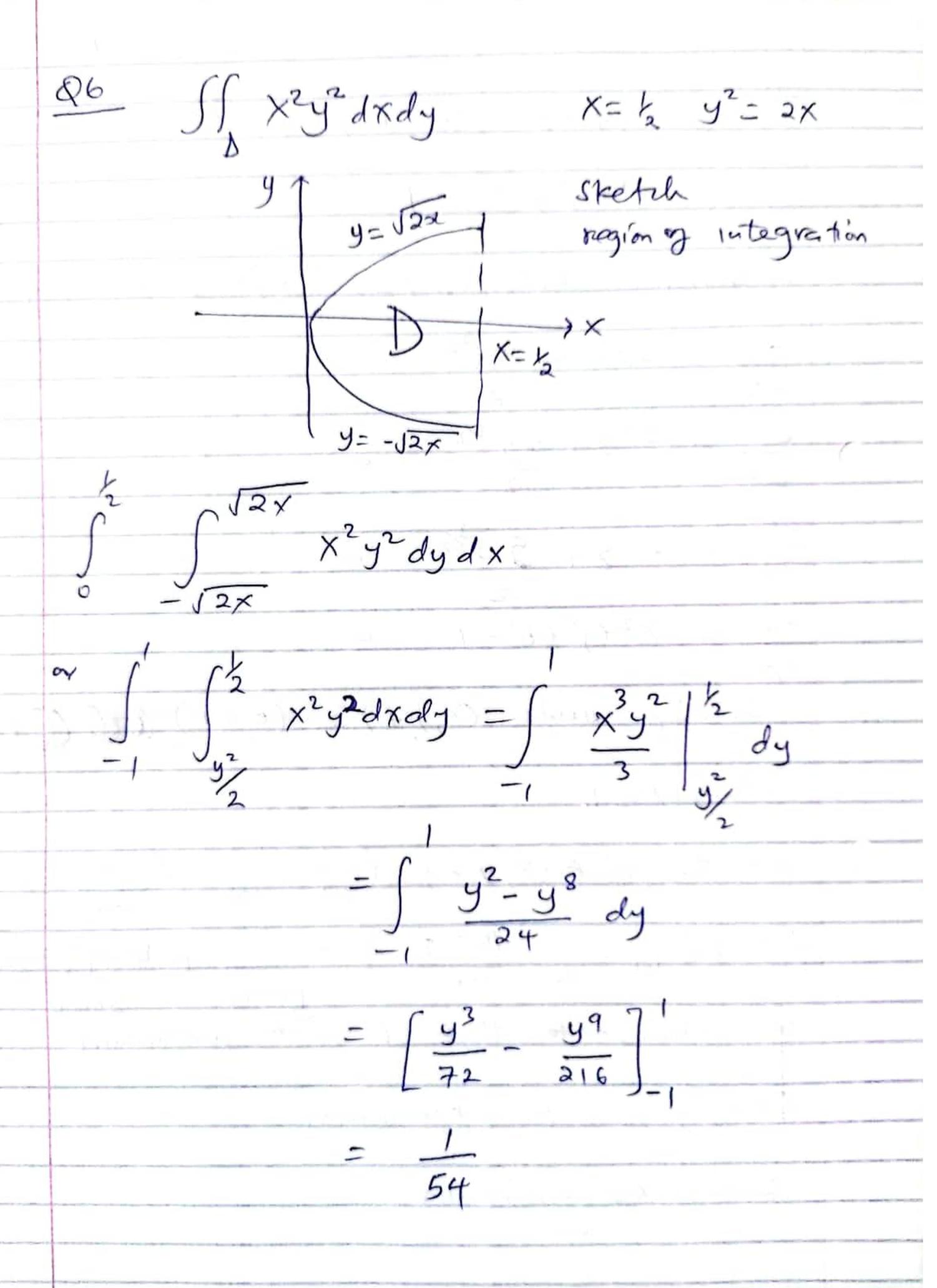
$$\frac{\nabla F}{f} = \frac{\sqrt{36x^2 + 4y^2 + 4z^2}}{\sqrt{36x^2 + 4y^2 + 4z^2}}$$

$$\frac{A}{f(y,0)} = \frac{1}{\sqrt{36}} \frac{C}{6}, 0, 0 \Rightarrow \frac{1}{6} \frac{C}{6}, 0, 0$$

 $xy + z + 2^{xy} = 4$ p(1,1,1)F(x,y,Z) = xy+ Z+2xy = 4 TE = < y + 2 y (n(2), 2+ 2 x / n(2), 1) TF(1,1,1) = <1+2/n2,1+2/n2,1) Normal voctor is in the direction of PF(1,1,1) = <1 +2/n2, (+2/n2,1) Equation of tangent plane is (1+2/n2)(X-1) + (1+2/n2)(y-1)+1(7-1)=0 (1+2/n2)x+(1+2/n2)y=3+4/n2

超過 扫描全能王 创建

扫描全能王 创建



$$\frac{Q7}{Y = \sin Q} \quad Y = \cos Q$$

$$\frac{Y^2 = Y \sin Q}{X^2 + y^2 - y} = 0$$

$$\frac{X^2 + (y - y_1)^2 = (\frac{y}{2})^2}{Y^2 = (\frac{y}{2})^2}$$

$$\frac{X^2 + y^2 - X = 0}{(X - \frac{y}{2})^2 + y^2 = (\frac{y}{2})^2}$$

$$\frac{X^2 + y^2 - X = 0}{(X - \frac{y}{2})^2 + y^2 = (\frac{y}{2})^2}$$

$$= \frac{1}{4} \int_{-\frac{y}{2}}^{2} \frac{(1 + \cos(2Q)) dQ + \frac{1}{4} \int_{0}^{2} (1 - \cos(2Q)) dQ}{(1 - \cos(2Q)) dQ}$$

$$= \frac{1}{4} \left(\frac{Q}{2} - (\frac{Q}{4} + \frac{1}{2}) \right) + \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{2} \right)$$

$$= \frac{1}{4} \left(\frac{Q}{2} - (\frac{Q}{4} + \frac{1}{2}) \right) + \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{2} \right)$$

$$= \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{4} \right) + \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{2} \right)$$

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$$= \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{4} \right) + \frac{1}{4} \left(\frac{Q}{4} - \frac{1}{4} \right)$$

$$S_{1} := \left\{ (7, 9, 2) : x^{2} + y^{2} + 4z^{2} = 9, 230 \right\}$$

$$S_{2} := \left\{ (7, 9, 2) : 2 - 5x^{2} + y^{2} \right\}$$

$$X^{2} + y^{2} + 4(x^{2} + y^{2}) = 9$$

$$X^{2} + y^{2} = 9/5$$

$$V = \int_{0}^{2\pi} \int_{0}^{3\pi} \int_{0}^{3\pi}$$

F= yz2itaxz2; + xyzk x2+y2+22=1, Jx2+92=2 at print of intersection x2+y2 + x2+y2=1 normal vector is Parametric L-3x7, y2, 22). <0,0,1) = 22 at point of intersection 2= - 12, 2= $\int_{2}^{\sqrt{5}} \frac{1}{2} dr d\theta = \int_{2}^{2\pi} \frac{1}{2} \int_{0}^{2\pi}$