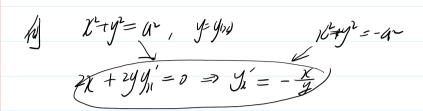
多元微分21-1

2022年5月10日 7:16

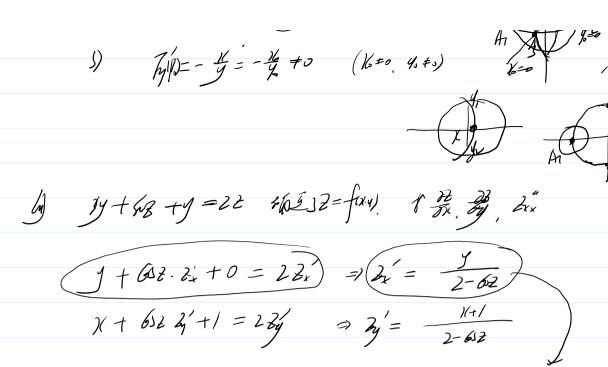
隐函数学



M F(n,y)= 大子一个 / [3]方程 F(n,y)=3岩确定 隐县牧生y111),是数44年 2396033

五型: F(xy)在 B(b,x)GD处

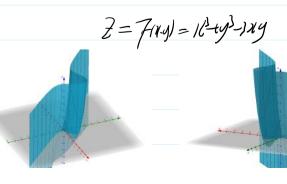
州有 3 程 FOX.91=0 在 UG) 内确定了唯一的具有正领导数的隐立数Y=Y(X) 且有Y(X)=Y

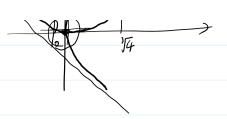


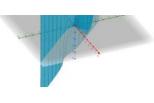
$$0 + (-63) \cdot 1/2 + 632 \cdot 1/2 = 23/2 = 23/2 = -62 \cdot 1/2 = -5/2 = -5/2 \cdot 1/2 = -5/2 = -$$

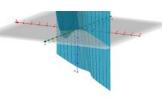
 $\begin{cases} F(X,Y) = X^2 + y^2 - 3xy = 0 \\ F_y'(x,y) = xy^2 - 3x = 0 \end{cases} \begin{cases} F(X,y) = X^2 + y^2 - 3xy = 0 \\ F_y'(x,y) = xy^2 - 3x = 0 \end{cases} \begin{cases} F(X,y) = X^2 + y^2 - 3xy = 0 \\ F_y'(x,y) = xy^2 - 3xy = 0 \end{cases} \begin{cases} F(X,y) = x^2 + y^2 - 3xy = 0 \\ F(X,y) = xy^2 - 3xy = 0 \end{cases} \begin{cases} F(X,y) = x^2 + y^2 - 3xy = 0 \\ F(X,y) = xy^2 - 3xy = 0 \end{cases} \begin{cases} F(X,y) = x^2 + y^2 - 3xy = 0 \\ F(X,y) = xy^2 - 3xy = 0 \end{cases} \begin{cases} F(X,y) = x^2 + y^2 - 3xy = 0 \\ F(X,y) = xy^2 - 3xy = 0 \end{cases} \begin{cases} F(X,y) = x^2 + y^2 - 3xy = 0 \\ F(X,y) = xy^2 - 3xy = 0 \end{cases} \end{cases}$

\[\begin{align*}
& \be









是出版和存在多理

直動: F/11/1 5 G/11-9.7) 在13(11/4)652处

(A) Tab)

1) 7, G, G C" V (B)

Ja66 Hod &

4 F(A)=0, G(A) =0

7 (6) = (F, F)

》多数每个下间4的=>在UPA的多种的上面是异数的发表

 $\frac{1}{2} = \frac{1}{2} = \frac{1}$

1 (11.4.21 => Tomat 1(1) (4-41) 2-211)

FG < y-11

$$y'_{x} = \frac{\begin{vmatrix} -f_{x}' & f_{x}' \\ -G_{x}' & G_{x}' \end{vmatrix}}{\begin{vmatrix} f_{y}' & f_{x}' \\ G_{y}' & G_{y}' \end{vmatrix}} = -\frac{\frac{\partial f_{x}}{\partial x}}{\frac{\partial f_{x}}{\partial y}} \qquad \frac{\partial f_{x}}{\partial y} = -\frac{\frac{\partial f_{x}}{\partial y}}{\frac{\partial f_{x}}{\partial y}} = -\frac{\frac{\partial f_{x}}{\partial y}}{\frac{\partial f_{x}}{\partial y}}$$

$$\frac{\partial x'}{\partial x'} = \frac{\begin{vmatrix} h' & -R' \\ Gy' & -Gy' \end{vmatrix}}{\begin{vmatrix} T_{0}' & R' \\ Gy' & GS \end{vmatrix}} = -\frac{\frac{\partial (T_{0}, K_{0})}{\partial (T_{0}, K_{0})}}{\frac{\partial (T_{0}, K_{0})}{\partial (T_{0}, K_{0})}}$$