多元微分19-1

$$\begin{cases}
\frac{1}{1} & \frac$$

$$\int_{0}^{1} (0,0) = \int_{0}^{1} \int_{0}^$$

$$f_{y(0,0)}^{1} = Q + \frac{\int_{0}^{1} |otan, o| - f_{y(0,0)}^{1}}{|a|_{K}} = Q + \frac{|a|_{k}^{1} - o}{|a|_{K}} = 1$$

$$\frac{1}{2} \frac{189}{3} = \frac{1}{2} \frac{1}{1} \frac{1}{1} \frac{1}{1} = \frac{1}{2} \frac{1}{1} \frac{1}{1} = \frac{1}{2} \frac{1}{1} \frac{1}{1} = \frac{1}{2} \frac{1}{2} \frac{1}{1} = \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2$$

2-fr. 4) 7/16/23/2 St= A=1(+ B=y + . (an) + . (cy) $dx = dx \quad dy = dy$ = 2xy dx + 2yx dyAM3 74 2=xy. Ph = 211 y th + 2411 dy 层物的内含义 Z=f(11.4)/ BC = tank arc = 2 ar = DZ GH= tens ay = 2g ay = ZF ACSAGDIAS MASTOR Dail ay BOYH The FOACFGA DEZ-for the KE (11.4.21 Se lo tops 是题: 2-fly)在月61640处一网编导fixy)子fixy)年度图2-fly/左月185) Di 02= f(11+ax y+cy) - f(14y) = f(11+an, y+ay) - f(11, y+cy) + f(1), y+cy) - f(x,y) Infr=A (=) fr=A+d = f(8, yrug) (1441-11) + fy(11, y) (yrug-y) $= f_{\mathcal{K}}(\xi, y + \iota y) \, \alpha_{\mathcal{K}} + f_{\mathcal{Y}}(\eta, y) \, \alpha_{\mathcal{Y}} \, \frac{\xi \, \alpha_{\mathcal{X}} \, \kappa_{\mathcal{Y}}}{y \, \epsilon_{\mathcal{Y}}(y, y + y)} \left(\frac{1}{\alpha_{\mathcal{Y}}} - \frac{1}{\beta_{\mathcal{X}}(\xi, y)} - \frac{1}{\beta_{\mathcal{X}}(\chi, y)} - \frac{1}{\beta_{\mathcal{X}}(\chi, y)} \right)$

 $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ay$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{Y}^{1}(X, y) + \beta\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) aX + \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) + \lambda\right) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) ax$ $= \left(\int_{X}^{1}(X, y+\alpha y) ax$