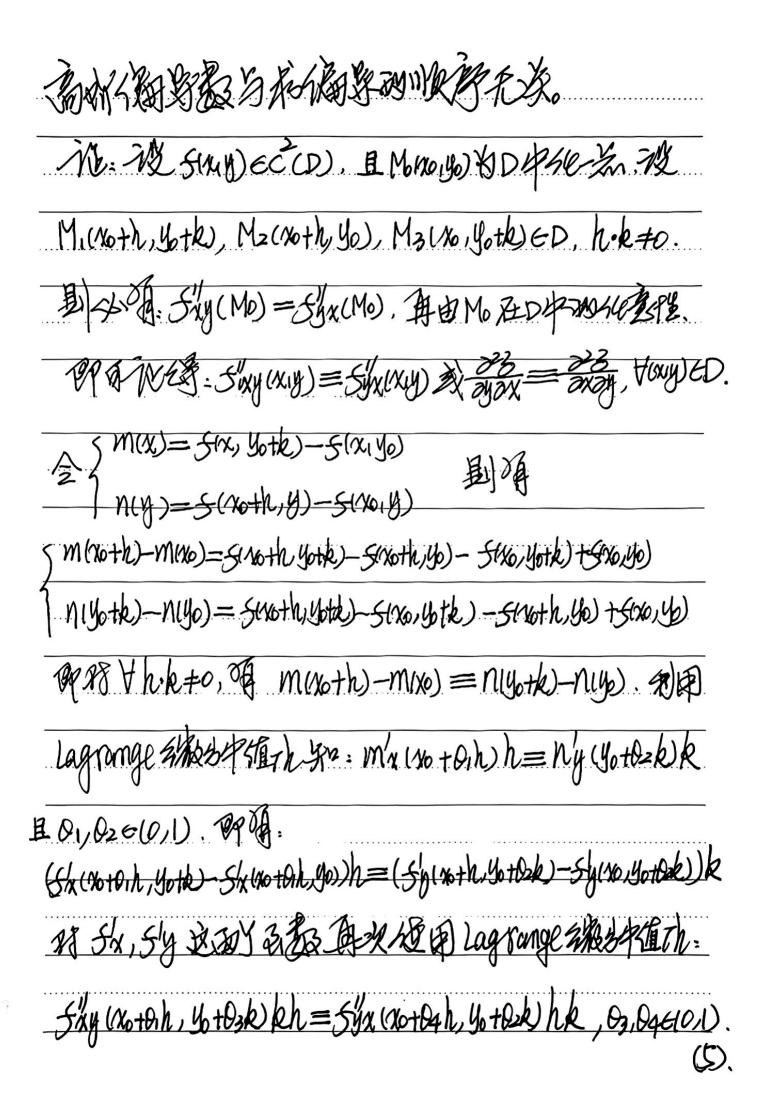


=(AAX+BAY)+O(S). WAP 3=SIXY) PLMODIFIA.
MANG: EGRESK(XIG), SYXIG) ZE MONOUS BRELLES.
LAZP DZ = S(NO tex, Yotay) - S(NO 140) = [S(NO tex, Yotay) - S(NO, Yotay)] +
(5(xo, yo tay) - 5(xo tax, yo tay) - 5(xo tax, yo tay) - 5(xo, yo tay)] + (5(xo, yo tay) - 5(xo, yo tay) - 5(x
5y(1/10),40+0204)/24,基中01,026(0,1).制图5x(1/10),5y(1/10)在
Mo(xo, yo) (1) $= 5x(x0,y0)$ Lim $5x(x0+0) = 5x(x0,y0)$ Lim $5x(x0+0) = 5x(x0,y0)$ Lim $5x(x0+0) = 5y(x0,y0)$ $= 5y(x0,y0)$
enisty (xo, boto201)=5/y (xo, yo)
5 5x(x0+0,0x, y0+0y)=5x(x0,y0)+0x1, 0,->0 (0x+0,0y+0)
5/2(x0+010x, y0+04)=5x(x0, y0)+0/1, 01->0 (0x->0,0y->0) 5/2(x0+010x)=5/2(x0+y0)+0/2, 02->0, (0x->0,0y->0)
197 23=(5/x(No)+d1)2X+(5/y(No)+d2)2y=5/x(Mo)2X+5/y(No)2y+d12X+02
A lim diax +00219 = lim (diado + dismo) = 0+0=0
: dux+ousy = 0(9). 1284:
23=5/x(Mo)21X+5/y(Mo)2/y+0(9)=(12X+124/y)+0(9). 189
3=51x1y) @140 W JZAQ.
3).

10/01/3. 3=5(X18)={ (1+y) 500 100 100 , 12+y2>0, 在0(0,0)处可编。与是为(xiy), Syxiy)在0(0,0)处于不量域。 EXECUTED SEES (higher order partial drivative) 18 3=5(x14)= x2+xy+y2+xy+2x+44, (x>0, y6R). $-\frac{(3)}{(3)}y = (2x + y + yx + 3)y = 0 + 1 + 1 + x + yx + x + 0$ $\frac{32}{3x3y} = \frac{33}{3y} /_{x} = (x+2y+x) \frac{1}{2} \frac{1$ $\frac{\partial^2 3}{\partial x \partial u \partial x} = (\frac{\partial^2 3}{\partial y \partial x})_{x} = (1 + x^{y+1} + y x^{y+1} enx)_{x} = y + y x^{y+2} + y (y + y x^{y+2})_{x} = y + y x^{y+2}$ 233 = (323) /x = (1+yx4+enx+x4+)/x=y(4+)x42enx+yx42y+y+)x 型数· 233 / 2000 / 2000 / 2000 PORESTER D. X20中 7亿: 光3=5(以以)在区域口中做为价的影影更强, 围

(4)



"于天代的、心社外中全和2016年的,围塌 SKy (xo, yo) = Six(xo, yo). b Maoyo) AD & Mse & PE. PADE SKY(XXY)=SYX(XY) (223 = 223 HXXY) ED 国理场化, 光 3-5(Ny) EC3(D), 基) 外码 $\frac{\partial^2 \delta}{\partial x^2 \partial y} = \frac{\partial^2 \delta}{\partial x \partial y \partial x} = \frac{\partial^2 \delta}{\partial y \partial x^2} / \text{Visibility.}$ 制趣. 的1. 200 电影 U=+, 1=1xxx220 膨尾laplace 398 (Q886388): 34 +34 +34 =0, Hay 3) + (0,00). 1812. WM U= = 1 e- 40t, (NO, 10, 000 00) 1013 87 79,4 ec^(I). U=9(x-at)+4(x+at) \ 12/2 (0>0,多数)、 (10, KE (20, 100) $yyy = \frac{\partial U}{\partial x^2} = \Omega^2 \frac{\partial U}{\partial x^2}$

>31-1×(水水水)=> 2112=-1(水水水)==+(水)(==)(水水水)==+人) (X4/56)==(A4/662)+X2(X4/662)== $\frac{1}{40\sqrt{2}t}e^{-\frac{\chi^2}{40t}}(\frac{\chi^2}{20^4t}-\frac{1}{a^2}) \Longrightarrow$ = e - x2 (x2 -1) = 21 , H20, KER! What 3: 全了以一xxx 11 (1-9(W)+4(W)

(I) .

 $\Rightarrow \frac{21}{000} = 8'(v)\frac{21}{000} + 4'(w)\frac{21}{000} = 8'(v) \cdot 1 + 4'(w) \cdot 1 \Rightarrow$ $\frac{211}{0000} = 8'(v)\frac{21}{000} + 4'(w)\frac{211}{000} = 8'(v) \cdot 1 + 4'(w) \cdot 1 \Rightarrow$ $\frac{211}{0000} = 8'(v)\frac{21}{000} + 4'(w)\frac{211}{000} = 8'(v) \cdot 1 + 4'(w)\frac{21}{000} = 8'(v) \cdot 1 + 4'(w)\frac{21}{000} = 8'(v) \cdot 1 + 4'(w)\frac{21}{000} = 8'(v) \cdot 1 + 4'(w)\frac{21}{0000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{21}{00000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{21}{00000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{21}{00000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{21}{00000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{21}{0000} = 8'(v)\frac{2$

10) N/ct: 0X9,2 2/0; 8; 11; 15; 26; 27; 28.

PM部的量算3. V=(就意意), (L=Say)的CCD), A(x,y,2)=(pa,y,3),Q(x,y,3),R(x,y,3))ECCD). D, V(L=(品商意)(L=(品),是),是) 为(L=Saxy)的海底。 e)、V·A=(品商意)(P,Q,R)=最+最+最为A(x,y,6)的海底。 e)、V·A=(品商意)(P,Q,R)=最+最+最为A(x,y,6)的海底。 e)、V·A=(品商意)(P,Q,R)=最+最+最为A(x,y,6)的海底。 PQR(1)(P,Q,R)=最+最+最为A(x,y,6)的海底。 PQR(1)(P,Q,R)=最+最+最为A(x,y,6)的海底。