第七章约孔图 数次万五

级别数的村野

32 1f(x)y)-A1<E WAJp>p.01 f(x)y)\$B\$BA

连线性

弘: (x,y)=x0,5) (x,y)=f(x0,y0) 知科f(x,y)及(x0y0)注例。

伊曼

龙当y现在少而x外的增加x的

b Ex = f (x+ax, y) - f(xo, yo)

TABBE lim Ext = lim. f(xotox, yo)-f(xo, yo)

为外班的数据=f(x,y)不(x,y)次(x),其格别等意义

(1372971至3到三元以上的登楼)

Jahres.

を文 z=f(xy)な(xy)を財政を文、連覧をz=f(xy)など(xy) 分で言る z=f(x+xx,y+ay)-f(x,y) MAZ=AAX+BAY+O(り)

三元色版子版的 dui gu dx+ gy dy+ gu dz

连线偏多线收线

1360363515克斯

当山川湖河河の f(x+6x,y+6y) ニ f(x6,y6)+fx6x1fy·6y 陸山東寺

从在到路边走

方柱型 (F(X,y,u,v)=0

(を見らいがりまりま)

的多数棒

强 美丽强 美丽

P= xxy

(可对了打建了三元国

$$\frac{\partial u}{\partial t}|_{p_0} = \frac{\partial u}{\partial x}|_{p_0} \cos 2 + \frac{\partial u}{\partial y}|_{p_0} \cos \beta + \frac{\partial u}{\partial z}|_{p_0} \cos \beta$$

$$\frac{\partial u}{\partial z}|_{p_0} = \frac{\partial u}{\partial x}|_{p_0} \cos 2 + \frac{\partial u}{\partial y}|_{p_0} \cos \beta + \frac{\partial u}{\partial z}|_{p_0} \cos \beta$$

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样爱

By grad
$$f(x_0, y_0) = f_X(x_0, y_0) + f_y(x_0, y_0) + f_y(x_$$

13/0 10 20 10 2 13-12-10

IDPORT & Z = f(x,y) by $\frac{1}{2}F(x,y,z) = Z - f(x,y)$ $Fx = -f_{x}(x,y)$ $F_{y} = -f_{y}(x,y)$ $F_{z} = \int_{z}^{z} f(x,y) dx$

则在杂点没面查为(Fr. Fy, 同)

to From Fx(X-X.)+ Fy(y-y.)+ Fz(2-2.)

13/12/01020 7 { x=x(4) x=z(t) x-x.

x-x. y-10 = x-2.
y'lt.) = y-10 = x-2.

为3.2013年1815年1816

スタイト・2p(xo,yo)対図数は記点がfx-o fyzoTn(xy)か 元分子 fx=か fxy=B fyy=C スピスCCO 気体関連 Acopo faxie なっいするのです