工科数学分析下册答案过程

$$\frac{\partial u}{\partial x} = \frac{1}{z} \cdot \frac{\partial \Omega - x}{(v - w)^{2} + vy + vz - vy^{2}} = y \cdot \frac{\alpha - x}{\gamma^{3}}$$

$$= \frac{1}{y^{3}} \cdot (\Omega - x)$$

$$\frac{\partial u}{\partial x} = \frac{1}{y^{3}} \cdot (\partial Cb - y)$$

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工科数学分析下册答案过程

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3, 对方维尔对 X的旅
                                             3, X'16)= - asint
                                                 Y'16 & a. cost
    (2x+2y-dx+2.8 dx =0
                                                3'161:06
    1+数+部=0
                                               1. 3 = - a. smbit a. cust. ]+ b. Te
   化入(1,-2,1)
                                               1. 值级新的日= 23,767
    在(\\ = 0 切健(1,0,-1).
                                                 13 = Na25m26+ G2ust +b2: Ja2162
                                               二十次以为程分.
    (x-1=1-8.
y=-2.
                                                   0= arccos b
                                                卲核肉议切议与3轴成定南
  海石为经为.
     (x-1)+0(y+)-(2-1)20
      (X-1)-18-1)20
     1. X-2=0
4. X116)=1
                                               ( DX- 018=0
   A1(4)=-26
                                                3+201/4+0>0
   7/16/20036
                                               KONPUL-211)
 在P(1,-1,1)处.
                                              小切缝子(1,-美,2)
   X/12/6-1=1
                                                四= 37-57-57
  y'th /2-2
  3'16) to 1 = - $ 3
                                                B= 3+57
 1. 13 7= -57-3716
 -, gx = 65. X-A. 9x x=1 = 1
                                                : 3.7: -5+3+2=0
                                               2.3717,74
 \frac{\partial u}{\partial 3} = 3x^2 + 23 \cdot \frac{\partial u}{\partial 3} > 5
上方向导致.
     Tr - ga med + ga. cosb + ga. cost
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工科数学分析下册答案过程

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11. Fx= 43, Fx= X3, Fx Xy.
7. Fx(Po)= y=1
                                                                                                                 ふ在アのいりいるりか アンをりるの、かるの、かり
                                                                                                                 2. 限期率面 yoto·X+ Xoto·Y+ xxx.を=3xyxto
      Fy'(Po) = X = 2
     Fg'(Po)= 03+1=2
                                                                                                                  ! 截跟 X= 3xo, y'= 3yo, 西至=320
                                                                                                                   7. X)4, 8/= 11 X. A. 80
  化入(以),0)在切到独伤是
                                                                                                                   7 P在1000 Xy3=23, : Xy13/=27 13, 社学
   $ 17= CFX'CP3), FY (P3) * FY= (P3)
          = (1,2,2)= デナンデナンで
                                                                                                               12, 大学灵, 野一道, 野童富
-1、福方程 (X-1)+21y-1)+22-0
               : ×+2y+28=4.
                                                                                                                 ·孙·(以,为,为,,不自打点,点,高)
多 超後初稻城電 n. j-j+zk· [1,-1,2]
                                                                                                                 公明福行程 京X+京省+ 京3 3= 5x0+5x+5x=Ta
        FX= 24, Fy= 44, F3'= 23.
       二元·{x, 2y, 000],股切至(xx, yx, 20)
                                                                                                                          1. Trot Fot Too Ta.
                                                                                                                  · 超图跟 X: 100x, Y= Tayo, 3= Jazo
         瞬吗11万.
                                                                                                                           1- X4443 = To. Ta= a.
            在(10年)次十分
                                                            X37243730=
                                                                                                                                  证学.
                                                                                                                                                                   1.17.18
                                                                                                             13. 烟 (FCx, y, z f. Xy-32.
                                                                                                                                                                       = 2x0y0+2x0y0-433
                                                                                                                              BG (x14,2)=x34y3+239.
    有Xoo意
                                                                                                                                                                         = 4(1040-202)
                                                                                                                  1. Fx'= y, Fy=x, Fz'= -26
                                                                                                                                                                      いりにかりまかな子のはまり上
                                                                                                                 A Gx= 2x, by=2y, 43=20.
                                                                                                                                                                     2. Noyo=302
2. Noyo=302
                                                                                                                    こるりしないり、まり対し、
                                                                                                                     ngo (yo, xo, -230)
ngo (yo, xo, -230)
                                                                                                                                                                      1.17.1 B
                                                                                                           14. Fx= 6x, F= 24, F= 28,
 P. 景=4x;景|x=1=4
                                                                                                               西南的自治量了26415,83、另一个1111]
      3 - 8y , 3 | y 1 - 8
                                                                                                              ,在PCx0,y0,70/20 ,北种面流何堂
  " 幽面偏不豫之法向望
                                                                                                                    17= {6x0, 240 00 270}
      R= (33/ps, 38/ps, -1) = [4,8,-1]
                                                                                                                  所号の (Xo=30 (Xo=30 (Xo=) (Xo
                                                                                                                1. B.37=0
    : 335程.4(x1)+8(y1)-(2-6)=0
                         24x-4 +8y-8-3+6=0
                                                                                                               · P(厚,-4厚, 厚)蚁(-厚,4厚,-厚)
                           4x+8y-3-6=0
         法通权指 上二年
                                                                                                                     Fx= 2x, Fy= 2y, Fx=-1
                                                                                                                なりはいりいるか、五切以上、
  10、油匙知,该曲面
                                                                                                                       二位向星。形 (2)/0,2/0,一)
          旅级 3×424242+32212.
                                                                                                                       被放行社 类。当
  1. Fy'= 6x, Fy'= 4y, Fa'>68.
                                                                                                                      元兹,全X=0,4=0,1013=3+30,天地Xo,从取任何
    2. 12 (Fx/po, Fy/po, Fg/po)
                                                                                                                       值、成水都也(0,0,分十多0)
            = {0,413,610}
                                                                                                                       17.72 = -1 17.12 -1 N49.07
      小船間似意意
                                                                                                                    U= 217, 127 = arcus ( -1)
                                                                                                                    现的地角、专文、被议会形成一个价值、
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