```
避了-8
                                                 4. fx=fx=fx=ex. huy), fx(10,0)=fx/100)=fx/1000=0
). fx = 4x-y-6, fr/|xm = -3
                                                  fy=fix= ex , fy | 10,0) = fox | 100)= 1
 fy'= -x-2y-30, fy'|x= -6
                                                   f"y= - ex f"y f(0,0)=1
  fig= -1 , f"x= 4, f"y=-2.
                                                   f"y=2- ex (144)3 fy (10,0)=2
· fund - 4 - 3 (x4) - 6(y-1)
                                                  1xy = ex 1xy 1000)= 1
        +314(x-1)2-2(x-1)(y-1)-2(y-1)]
                                                                 fixy2 (0,0) = -1
                                                  f'y 2: - 0x
       = -4-3Cx-1)-614-1)
                                                  二二阶麦克洛林展开代
        + 2(x-1)2- (x-1) (y-1)-ly-1)2
                                                 f(x,y)= f(0,0)+y+===[Dxy-y2]+=== [33xy-3y3y]
2, f(0,0)=0
                                                        +60(p3)
 1'x=2xcos(x3y2), 1'x=200s(x3y2)-4x25m(x3y2)
                                                 f(x,y)= y+= Day-y2+= 13, 13xy-3xy+2y3+0(p3)
 fy = 2y cos (x+y2), fy = 2 cos (x2y2) - 24y2 San (x+y2)
 fry = -4xy sa(x2xy2), fry = -4y sa(x2xy2) - x2y los(x2xy2)
 1"xy2= -4x 5m(x2+y y- xy2 Cas (x2+y2
 1"x = -124 + 124 24(x34) - 144, (12(x34))
2. fx (0,0) 20, fy 10,0) 20, fx(0,0) 22, fy (0,0)=2
                                               5, fx= wsxsmy
fxy=0, fxzyta,0)=0, fxy2la,0)=0, fxx0 fx190)=0
                                                  fy= wsy smx
10,010
                                                 fix = - Sinx smy
1. flag)= 0+0+0+ 1/ (x2+0+y2)+06/
                                                 fy = -smy sm X
3、搬到有
                                                f"xy = - ws x cosy
   flu,0=1.
                                                似人强等
 f'x=f'y=f"xy=ex+y.
                                                有(到到)之
 f"x=f"y=f"xy=f"xy=exty.
                                                fx(学,等)=fy(学,等)=意
                                               张(司至)=有级图司=有级冠首)=一之
 f"x = f"y = exty
                                                2. f(xy)= 之 []+(x-計)+(y-部+之(いかなないないないない)]
 2/WX (0,0), exty = [.
 :- f(x,y)=f(0,0)+f'x(0,0). X+fg(0,0)y.
                                                     = = = { [+ x+y-= + = [cx-y]2] } + 0(p2)
        + 1 (f'x (0,0) · X2+ f'xy (0,0) xy + f'y (0,0) y)
                                                     = = + + (x+y) - 2+ + (x-y) + d(p2)
        + 31 ( + 1/2 (0 x, 0 y) . x 31 2 3 x 3 x 3 f 3 y 10 x 0 y +
        3 xy2, f3, y3 (0,0) + fy (0,0) - y3)
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