Furkee vice promininger: 2= f(x,4)

2 proving 1

1D fee: f(x) = 2

2 proving 1



2 f(x14) = x2+ 42

Auntitsyl system (+,9,2)

· fant ce vice prometagles majétélé 4) extormy 6) techné vovely

extralog: motion (mining

secloui boly (nacologie interested

tre (65 821/49 v boolel A.

· parcialent duringce:

of in parcial of alvivace uzhleclea & x "

La Ifixi4) ... lastici fixis) alorivajeme vzhledem & x, Dovatul procentual se choto 1260 6045+244y

Pr. 1 f(x,4) = x2 + y2

Pr. 2 f(x, g) = 2xg2-4xg+ g2

 $\frac{\partial f}{\partial x} = 2x$

4n = 59

0f = 2g2 - 4g

Ju = 4xy - 4x + 24

Klasifilaci soncionávich bocha (tlessona varier) clilat mesaclime, andture je se vist kledge: 2D: \$\first f(x14) = 0 10: f(x) = 0LA ti. Of = 0 = Stacionshow bold 24 = 0 753. Spoch pracióles dos vace a calitai staciónsos sols: f(x,q) = x2+ 3xg + 42 (1) 2x+34=0 stacious us bag: $\int_{0}^{\infty} = 2x + 3y$ 29 + 3x = 0 (2) $\frac{\partial \mathcal{L}}{\partial S} = 3x + 2y$ obocum zishing soustout voule: « 4949505 (1) −312 a va seon $2x \cdot (-\frac{3}{2}) + 3g(-\frac{3}{2}) = 0$ Hetoda scitaci -3x + 9y(2 = 0)(mx of souster souic) 3x + 2y = 0 (2) 0-59-0=)4-0 +29, X=0 [0,0] strations w Pr. 4 {(x(4) = xge $\frac{2f}{dx} = ye^{-\frac{4^2}{2}} + e^{-\frac{1}{2}}(1) xy = y(x+1)e^{x-\frac{9^2}{2}}$ $\frac{1}{3g} = x e^{-\frac{q^2}{2}} + e^{-\frac{q^2}{2}} (-y) \cdot xy = x (1-y^2) e^{x-\frac{q^2}{2}}$

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q(1+x)ex-2=0 } podentires les staciones long
 x(1-9)e^{x-\frac{42}{2}}=0
 ex- 270 +xiq, motive je yolitit.
  y (1+x) = 0 (1) (1) splain, 40/18 4=0
                                                          [0,0]
                               potou ×. (1-0) = 0 }
                                                          Storcion w Lop
  \chi(1-g^2) = 0 (2)
                         (1) splulia, sogi x -- 1
Celleoni:
                             potom -1.(1-g) = 0
                                                       [-111]
  E0,07, E-1,17, E-1,17
                                       -1+ g2 = 0
                                                       [-11-1]
                                                       Stagos W Log
                                             Y112= = 1
Pr. 5 f(x,4) = x2+ y2+ g-2x
                     2x-2 = 0 (1) [1/2]
 \frac{\partial f}{\partial x} = 2x - 2
                      29-1=0 (1) Strason ded
of = 2g - 1
Pr. 6 f(x19) = x = y - 2x = + 3 = + 7x - 15y + 3=
\frac{\partial f}{\partial x} = y - 2z + 7 = 0 \quad (1)
0f = x -Mark + 3f + 15 = 0 (2)
                                                3/6/42//2/05/00sede
\frac{3\epsilon}{52} = -2x + 3y + 3 \stackrel{!}{=} 0 (3)
                                             12. (36/42) /3. (2/2-7) +3 = 0
                                   -42+182/67/21+/3 =0
                                     -72+142-18=0
             pus one lock by
                   2039 LOUGE
       ( ugjáchi & z (1), Dosad do (3) 9 pd.)
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