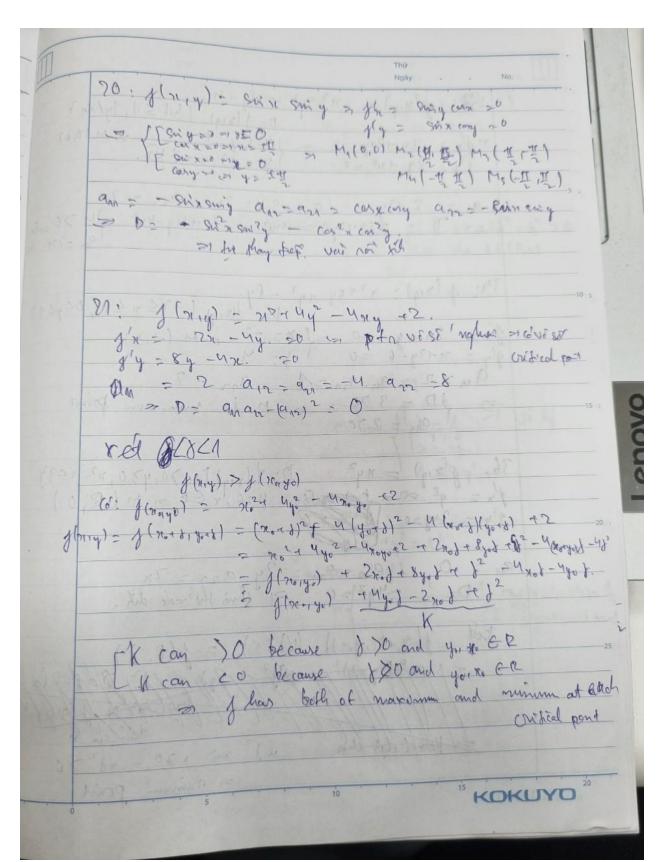


an - 2 - 124 an = 920 = 22 an = 24 70 shows 34. A (mg) = x = exy = of D = dony 1 + 3 ≤ n ≤3, 0 ≤ y ≤ s + 2 10 = 3 70 = M is maximum point 36, frig) = 1142 D=4 (114) Tre 20,47,0,112-42 = 34 1/n = 42 =0 = 142 4 = 900 - 0 ap = 921 - 2y azz = 271. f(nort, yord) (c) (n) = f(R, d) ked med 2 mes 170 20 x 8 20 > ninim point

Ngày . . No. 8'nn - 6 n y'lny = 3"yn = -3 y"yn = 6 y rid M (0,0) = p = -9 < 0 = M(0,0) is saddles point M (1/1) = 1) D = 87 70 = M(11) is minimum points 1 fin = 6 >0 5, $y(x,y) = x^2 + xy + y^2 + y$ = $y'x = 2x + xy = 0 + y = \frac{1}{3}$ y'y = x + 2y + 1 = 0 $y = -\frac{2}{3}$. 6': $a_{10} = 2$ $a_{12} = a_{20} = 1$ $a_{12} = 2$ = $a_{10} = 2$ $a_{11} = a_{20} = 1$ $a_{12} = 2$ = $a_{10} = 2$ $a_{11} = a_{20} = 1$ $a_{12} = 2$ is minimin point. my & 8, flag) = y en = y 0 > 2 y = 0. > M(0,0) =1 y'n = yen = 0 > 2 y = 0 = M(0,0) y'y = en -1. =0 2 n = 0 is critical point an = yer an= er an = 0

= D= -er = -1 = M(0,0) is gooddles point 9, fry = 2x + 2y 20 (-1) y = 0 72 x= 12 21 y'y = 4y3 + 2x =0 / y = 12 x= 12 y'y = 4y3 + 2x =0 / y = 12 x= 12 0,1 = 2 0,2 = 9,2 = 2 0,2 = 12 y2

0 10= 24yr-4 = 2 0,01 = 1 D=-4 = is saddles point M2 (52 - 52) = 19 - 8 20 = M2 M2 is minimin M3 (52 - 52) = 19 911 = 270 15 KOKUYO



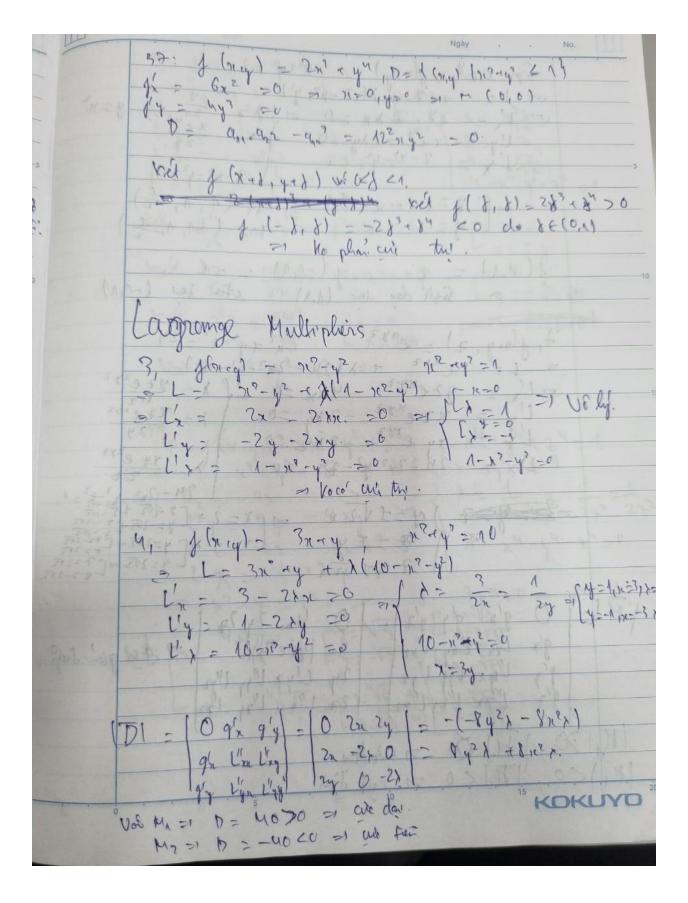
My (ney) = y carn = 1 /2 - y sin = 0 = 1 4=0 My = conn = 0 n = 40 Mm = -y carn = an = - sin an = - sin D= yenxcorn - surx = M = - 5m 2 (1 (MH)) = -1. CO. on Mis saddles point 18 g (neg) = excery = 1/x = excery if y = -excery = 1/x = excery = Of = encary of = -encounty of = -encounty

- encounty - encounty - encounty

- with x & R, Mis saddles point 17 flor, y) - ny + e - xy

2 j'n = y - ye - ny = 0 > 1 [x=-20] = 1

2 j'n = n - 20 = 20 | [x=0] = 1 > M, (0,0) (R,0) M3 (0,R) an = ye= "y an = 1-(e= "y-yze=") an = 12



171 - 0 18 18 44, 45, 1 Kappan = | 0 4,3 4,3 | = - [4,3 4,3 (2-12m2) + 4,2,43. (2-12m2) | 4,43 0 (2-12m2) | 5-4x5, 4x1. (2-12xy2). (2-12x22) + (2-12xx21, 4,3, (2-12xy2). (2-12xx2) Thomy fung their val Mr, Mr. D= all dus - des = solds Eskt - xxxs Egit - 0 or to par the dines xet 028 21 1205 BM a Malland 2 M(0,0); W2(0, 4) W3(0,2)

2 3 x2 x2 x = 0 = Ex=0

1 4 (x,4) = (3-1) x = 0 = Ex=0

1 4 (x,4) = (3-1) x = 0 = Ex=0 bd 2 = 0 = 1 y = -8 + 20 6 1 21 M2 (0, -6-20 6)

by = 12 = 1 x = 0.

M2 (0, -6-20 6)

y = -2 = 1 x = 0.

M2 (0, -6-20 6)

g 2, flxigh = 8n²-2y 12-0,

3(1,1) = e (-1,1) = -e > soute dan son (1,1) estins fair (-1,1) 7 = 1 VIN = 2 = 2 = [] (H)-20, H2 00 3 and Feet

MI = 0 8x 2y = 121 = -12y (112 ex) -64n2 (2-m)

Nos 1411 > 0 > cut don = My (là whida)

Nos 1411 > 0 > cut don = My (là whida) 50. Fry = 0 = 1 dy = - Fy

= dey = d (Fy) = (Fx) Fy - Fulfy)

da2 = dn Fy

Fy (Fy)' = Fyn + Fyyy' = Fyx + Fyy (-Fx)
(Fy)' = Fyn + Fyyy' = Fyx + Fyy (-Fx)
Fy 2 dry - Franky - 2 Franksty - Fryk! In (Fm) = 81Fm Dh & (Fm) By 1. gen M (2142) & 214412 =! d(210,-3),M) = 5(00-2)2 = 121212

= 1 d2 = 1x-212 + y2 + (2+312 = [Athin air this, dat d2 = flright) dat 2 this xig not her tas has are this.

