Journ Joures ON 06000H1

Rp NZ.7 Duc 2

 $f(x,y) = x^{3} + 6x^{2}y + 12xg^{2} - 42y^{3} - 12x + 6g$ $f(x) = 3x^{2} + 12xy + 12y^{2} - 12$ $f(y) = 6x^{2} + 2uxy - 6g^{2} + 6$

 $\begin{cases} f(x)=0 & x_1=0 & y_1=-1 & T-A_1(q_{-1}) \\ f(y)=0 & x_2=0 & y_2=1 & T-A_2(q_{1}) \\ x_3=4 & y_3=-1 & T-A_3(4_{1}-1) \\ x_4=-4 & y_4=1 & T-A_4(-4_{1}) \end{cases}$

 $f''_{xx} = 6x + 12g$ f''yg = 24x - 12g

2 "xy = 12x+24.4

D1 = | f"xx | = f"xx = 6x+24 D2 = | f"xx f"xy | = 0" 0" (2

12 = | f"xx f"xy | = f"xxf"yy (f"xy) = =

= (6x+12y(24x-2y)-(12x+24y)2=-360xy-720y2

T. $A_{1}(9-1)$ - 1 $A_{1} < 0_{7}$ $A_{2} < 0$ } cogydsa gorkal T. $A_{2}(0,1)$ - 1 $A_{1} > 0_{1}$ $A_{2} < 0$ } cogydsa gorkal T. $A_{3}(9-1)$ - 1 $A_{1} > 0_{1}$ $A_{2} < 0$ = 1 A_{1} Copor $A_{2} < 0$ = 1 Copor. $A_{1} < 0$ $A_{2} < 0$ = 1 Copor. $A_{2} < 0$ = 1 Copor. $A_{1} < 0$ $A_{2} < 0$ = 1 Copor. $A_{2} < 0$ = 1 Copor. $A_{1} < 0$ $A_{2} < 0$ = 1 Copor. $A_{2} < 0$ = 1 Copor. $A_{1} < 0$ $A_{2} < 0$ = 1 Copor. $A_{2} < 0$ = 1 Copor.