02220224045 Berir Topra Karabulut

Hession Matris nedir?

Motorise Herrian 15 ever fortigenul itinci derece turni turamini (x)++

Matris derit.

X nother negatif ferrali ise nother possibly tound about × Got degisters bir Hersin Matris + Goz degistenti bro Herrin Matris Sinctrie metristir, notta lotal maksimm nottadiri be notto lokal minimum nottadir, Matrix Hessfer

SORU

Hessiali heseplona X3+12xy-2y4 ferligary (1,4) noctorindasi f(x,y) =

Kismi > biriner βy (x,y) = = (x3+12xy-2y+) => 12x - 8y3 Fx(x,y) = Q (x3+12xy-2y+) => 3x2+12y

kirm tires 1 Einei fyy (x,y) = a (12x -8y3) => -24y2 ×9 (= (F21+1×5) 8 fxy (x,y) = a (3x+12y) = 12 (x,y) = Q (12x -8y3) => 12 fxx (x,3) = Fyx

* 4 (K'X) EXT (Ex) (K) (Exxxx) = (Exx18H

(-384.6) - (12.12) -2304-144 - 2448 -384 2 4 -24. (4) r 1.9 75