$2(-x^3 + 3xy^2 + 7^2 + 39x - 36y + 27 + 26$ $2(-x^3 + 3y^2 - 39)$ Ug 2 6x4 -36 Uz 2 27 +2 12 30 6g UZL 2 0 UKK 2 6K

 $\frac{1}{\sqrt{x^2}} = \frac{256}{\sqrt{x^2}} + \frac{2x}{\sqrt{y}}$ $\frac{1}{\sqrt{y^2}} = \frac{2x}{\sqrt{y^2}} + \frac{2x}{\sqrt{y}}$ $\frac{1}{\sqrt{y^2}} = \frac{2x}{\sqrt{y^2}} + \frac{2x}{\sqrt{y}}$ Uz 2 22 - 22 20

Ux 2 2x 11, 2 24 Uz 2 22 grad U2 (2x, 21, 22) FORKE M/8, -12, 9) z (16, -24, 18) 1c/2 S(-9)2+82 + (-12)2 = 581+64+144 = 5289 717 8-18-12-(-24) + 9-18-2 178 + 288 + 162 17 578 z 34

4) Uzertz F { 4, -15, -16) 4 (-16,4,-13) 6702Me L[-16,4,-13] 2016 1649 Grad (-32.8 / 86 , -268) 1012 142 (-15)2+(-16)2 7 5441 221

U2 Ny + 593 + 2N + 392 -1 SUX 2 2NG 49N 20 Uy 2 x 2 y 2 + 6 y 2 2 X22 2x(-6) + 4x2 -12x + 4x2 0 2>0 0,0)(0,-6)

Uxx 2 24 4 4 122 4y -42 120y 124 2 24 >0

918 FORMER (0;0) GRAGUDHAR TORKA

10;0) 16A FORMOW MIN 101-6) FORMA MAX 1/2/1/42-8/20 12 4.(-6)2 0+20(-6)+24 2 194-120+24