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YNONOTIEMON WALEKTIMH EELS EPANMATEN
       ESTW (2) Apaghe TIMY FWE PT NOW 4:USIRZ JR
     Enispasy stry Tiny Tres fix) and eva southe
         DX = (Ax , Ay) | STO NETPHEN TOU X'= (x, y)
(x) H APOEEDDISTING TING P(x) Stapeper and Thrangies
           TIPM $ ($\overline{\pi} + \overline{\pi}) = \overline{\pi} ($\overline{\pi} + \overline{\pi}) - \overline{\pi} ($\overline{\pi})
               Afix) Epalua etor unologions tou fix).
                                    \Delta f(\vec{x}) = f(\vec{x}' + \Delta \vec{x}) - f(\vec{x}) \Rightarrow D f(\vec{x}) \Delta \vec{x} = \nabla f(\vec{x}) \cdot \Delta \vec{x}
              nou ppd petal
                                       f(\vec{x} + \Delta \vec{x}) = f(\vec{x}) + \Delta f(\vec{x}) \odot f(\vec{x}) + \nabla f(\vec{x}) \cdot \Delta \vec{x}
                            10 f(x) 1 and horo epanna
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                                                                                                                ENGTOSTICIO EXETIND EPEX HE
                           IDf(x) | S b
                                                                                                                                                   EKTI MUGH TOU EPAX HETOS
                          NAPADEIRMA 5
                                      Npose081 5TINH TINH V0,993+ 9,083
                               1150
                                                 f(x,y) = \(\frac{x^3+y^3}{x^3+y^3}\), x >0, y>0 feiver Ct ovvopenon
                        f_{\chi} = \frac{3}{2} \frac{\chi^{2}}{\sqrt{\chi^{3} + y^{3}}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{2}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{2}}{\sqrt{2}} \frac{\chi_{1}}{\sqrt{2}} \frac{\chi_{1
          Enineroupe x = 2, Dx = -0,02, y = 2, Dy = 0,02
                        \frac{\cancel{2} = (\cancel{2}, \cancel{1}) = (\cancel{1}, \cancel{2})}{\sqrt{0.99}} = (\cancel{2} + 0.92) = (\cancel{2} + 0.9
                                                                                                              f(2, 2) + 9 f(2, 2) - (-0,02,0,02) =
                                                                                                                          \frac{3}{2} + \left(\frac{2}{2}, 2\right) - \left(-0, 02, 0, 02\right) = 3,035
     ( TON APO FERRICTION ( LETPOSPEND) TIME X' + DX X FUCTHORAN GOUPE
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