Problema Z mong donl 50 (x9,2)= x5+ y2+2x, hallar Voz d(x9+92+2x) A +d(xy+y2+2x) +d(xy+g2+2+) R = (9+3) A + (x+z) A + (9+x) R evaluando en (1,1,3) tenenos que (1+3) A + (1+3) J + C1+1) R = (4) A + (4) A + (2) R =[4,4,2]/ ahora para el segun do printo de = To. TI Pao T = A + O + R $\left[L_{1}, I_{1}, I_{2}, I_{3} \right]^{\frac{1}{2}} = A + S + R$ $\left[L_{1}, I_{2}, I_{3}, I_{3} \right]^{\frac{1}{2}} = \frac{A + S + R}{C^{2} + C^{2} + C^{2}} = \sqrt{3}$ dp=(2+3+2). (42+43+22) = 4 + 4 + 3 = 10

Problema 3 59 F= 3xyz2 + 2xg3 J-x2g 7 K VXF= [d(-x5z)-d(7xy)]] = [d(-x5z)-d(3xyz)]3 + Ldczxed - dc3xyz)] R 3 - word = (-x2)1+(8x52))+(233-3x22)R There dialiando en (1) -1/1) [-ci)(i)] A + [8 Ci)(-1) Ci) + [2613-361)(i)] R = -13 -80-52 =[-1,-8,-5] V.F = d(3x5 22) + d(2x5) + d(-x32)

dx

dx = 3.9 22 + 6xg2 - x2y ahora eraliando en (1,+1,1) 3(-1)(1)2+6(1)(-1)2-(1)2(-1). = -3 +6+1