

S) f(x) = X2+2x+1 f(x) = (2x+2)· X - 7 (x2+2x+1) F(x) = -X2 + X(2X+2)-2X-7 = 2x+2 x2+2x+1 = X2_1 Portos criticos 2) F(x) = x2+2x+2 6-1,2) f(x)=2x+2 F(X)=2(X+1) 0=2(X+1) X = -7 f(1) = -12+2(-1)+2 f(1) = -7-2+2 F(1)=-1 f"=2x+2 + 1 = 5 WILIWO Pontos anticos 4) f(x) = 1x2+1 $f'(x) = \frac{1}{2} \left(x^2 + 7 \right)^{\frac{1}{2} - 7} \cdot \left(x^2 + 7 \right) \quad f(0) = 0$ (-00,0) + (x) = x2+1 (-1) = -7 = -0 F(X) = 2X+0 . (0,1) F(X) = X (0,5) = 7 = 0,44 minimo 0 = X Vx2+7

