2) y= 1x arceg(x+x3) Ме Прологаридацируем обе части y= (In(x) · arctg(x+x3))' 14 y'= x arceg (x+x3):2 (In(x) · arceg (x+x3)) = = x arctg (x3+x)/2 . (= larctg (x3+x)) . (x3+x) - /n(x)+ + arctg (x+x3) . 1) = x arctg (x3+x):2 . (1. (3.x2+1/4+1x+x3) + $+ arctg(x+x^3) \cdot \frac{1}{x} = x arctg(x+x^3)/2 \cdot (\frac{(3x^2+1) \cdot ln(x)}{(1+(x+x^3)^2) \cdot 2} +$ + aretg (x+x3)