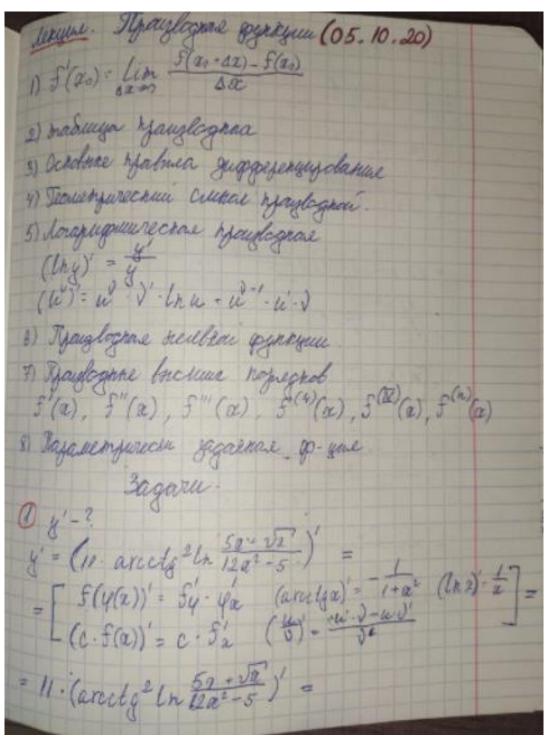
Войтенко Игорь Александрович Группа №1



= 11 - 2 arcolg - 1 h 122 - 5 (aroung in 52-5) = 22 - arcety En 52 · Va · (- 1+ (la 50 - 12) (In 122-5) = 22 arecty in 52000 (-1+ ln 222-5) (52+V2) (52+V2) - (52+V2) = = 22 arcity (ln (1221-5)). (-1-1252+18) · 1222-5 . (52+V2) (1222-5)- (52-52)(112-5) = [* (5 - 2 \ (12 2 - 5) - (52 + \sigma) (12 22 - 0) = $= \frac{(3 2\sqrt{2}+1)(1)2^{2}-5)}{2\sqrt{2}} - \frac{2\sqrt{2}(52-\sqrt{2})242}{2\sqrt{2}}$ $= \frac{(12x^{2}-5)^{2}}{(12x^{2}-5)^{2}}$ = (10 \sqrt{2} +1)(12x2-5) - 2\sqrt{2} \sqrt{2} (5\sqrt{2}-1)242 = 2\sqrt{2} (12x2-5)^2 = (1059-1)(1221-5) -42 22 (5 20+1)]=

=-22 arocty (ln(1221-5)). I+ Ln 52-08. (122-5) · ((10 02+1)(122-5)- 482 (5 52-1)) = = -22 arcelg(ln (52-V2))-1-ln 52-V2 2x(55+1)(122°-5)-432°(558+1) @ y'-? y = (23-JIE) 21 CXL (22-1) (lny)' = (ln (25-VII2) arosin (2+-1))' => \$ = (arcsin(22-1)-ln(23-102)) => 4 = (arcsin(2:-1)) (n(2:-1)) - arcsn(2:-1)((n(2: 502)) =2 4 = VI-(25 12 - 2a ln(23 - VIII) - A165/n(25-1) - 1 (32 - VIII) \$ = 2x · (h(x3-v/12) + arcsch(x2-1)(3x2-25e) + H = (23 - VIEZ) arcsin(α = 1) . ×