1) $\int_{c+1}^{c+2} \frac{(\delta+1)x}{(\delta+1)^2x^4+a^2}$ dx = $\int_{4+1}^{4+2} \frac{(3+1)x}{(3+1)^2x^2+0^2}$ dx = 4x dx = 4x 16x2 dx 4 In(16x2) 6 32xdx 16x2 $(\ln(16(6)^2) - \ln(16(5)^2)) = \frac{1}{8}(\ln(576) - \ln(400)) =$ 0.0455 80389

01/04/2022 9-0,6=3, c=4, d=3 $\int_{1+1}^{4+2} (x^{3+2} + b)^{0+1} dx =$ $\int_{5}^{6} (x^{5} + 3)^{1} dx =$ $\int_{5}^{6} x^{5} + 3 dx = \frac{x^{6}}{6} + 3x \Big|_{5}^{6} = 1$ $\frac{(6)^6}{6} + 3(6) - \frac{(5)^6}{6} + 3(5) = 5174.8333$ (-(ara)-)

 $\frac{(d+1)x^2+(c+1)x+b+1}{x+a+1}$ (4+2 (3+1)x2+(4+1)x+3+1 dx X+0+1 $\frac{4x^2 + 5x + 4}{x + 1} dx =$ $= \frac{4(6)^{2} + 6 + 3 \ln (6+1) - \left(\frac{4(5)^{2} + 5 + 3 \ln (5+1)}{2}\right) = \frac{4(6)^{2} + 6 + 3 \ln (7) - \frac{4(5)^{2} - 5 - 3 \ln (6)}{2} = \frac{23.46245204}{2}$