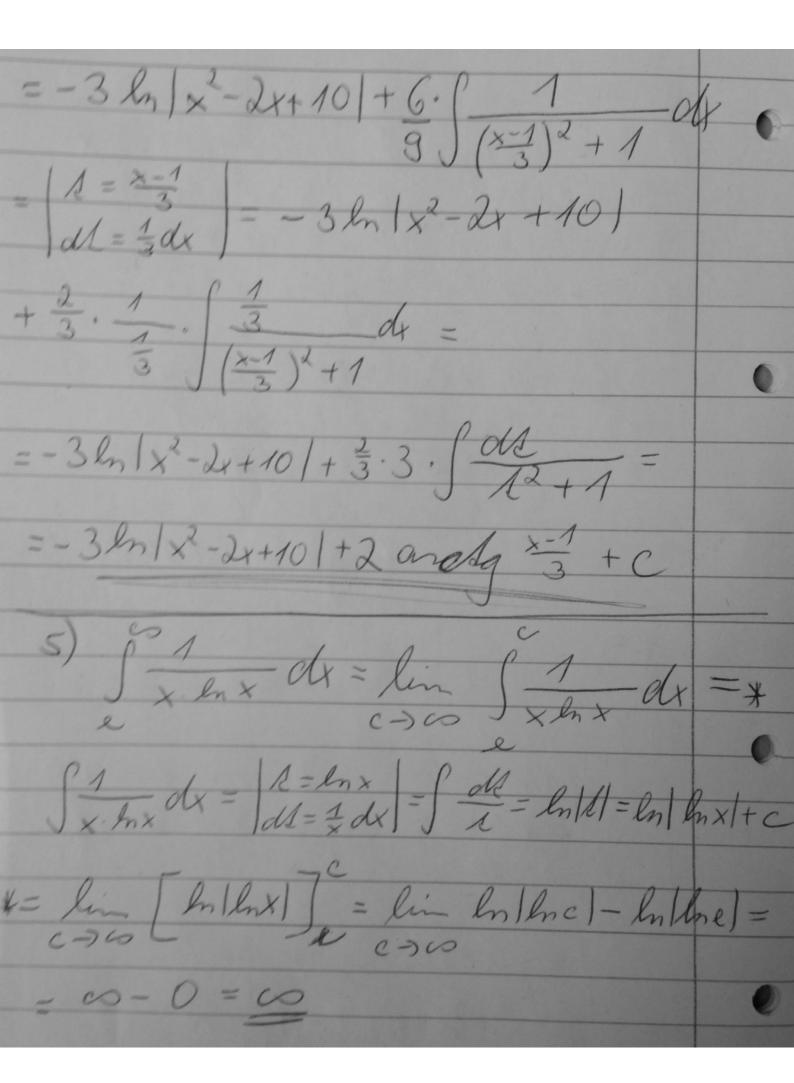
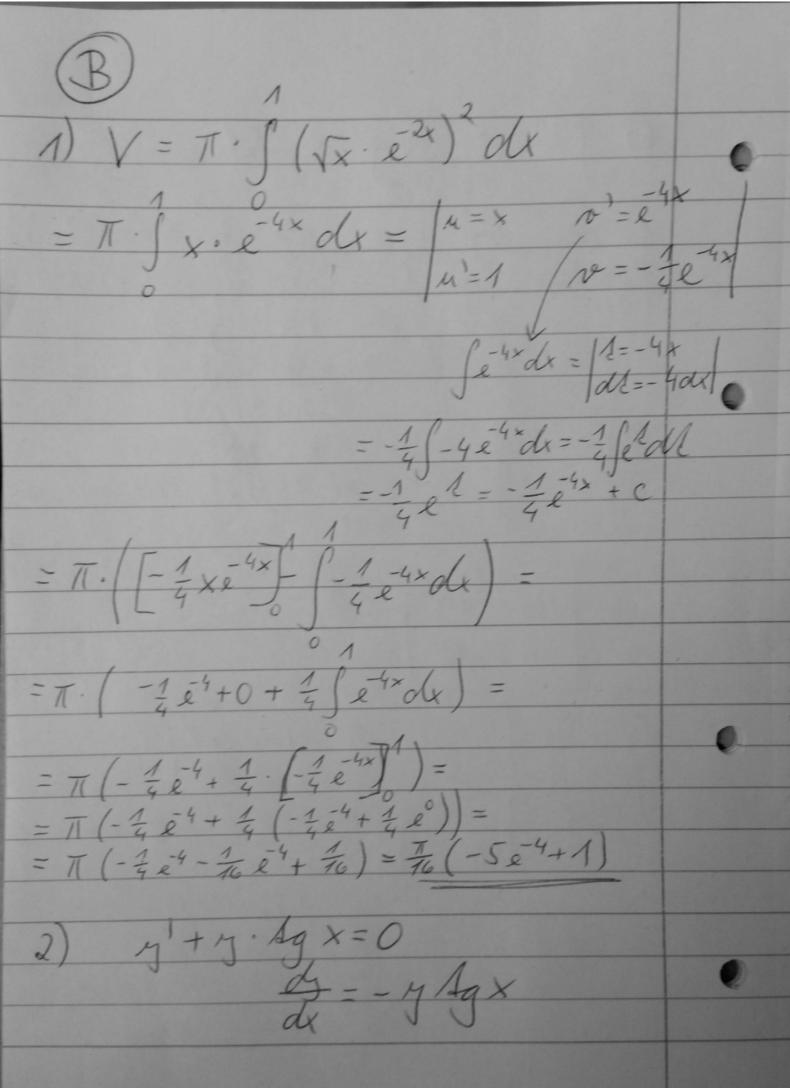


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dy = 1 - Agx dx In /g/= f-sinx dx ln /1/= ln/coox)+c ln/s = ln/cox/+lnc variace komst. y=cox "e y =- pinx.e+cox.e' dosadin do sadáni - c sinx+c'coxx+ coxx c onx = coxx c) cosx = cosx C' = 100x c= cosxdx C= Dinx + C y=cox. (pinx tc) 3) 5"-551-6x=0 I. N2-5N-6=0 (R+1)(R-6)=0 7=-1 N=6 M=cnex+c,e6x

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II. 4= a. e . x 5) = ae6x. 6. x + ae6x. 6 + ae6x. 6 do sadami: ae 36x + 6ae + 6ae 6x - 5ae 6x - 5ae 6x - 6ae 6x. x = 14e6x 1: e6x 360x+12a-30ax-5a-6ax=14 7a = 14 a=27 = Zre6x M = C1e + C2e + 2xe 6x (2x3+2x2-5x+4): (x2+x-2)=2x+3+ $-(2x^3+2x^2-4x)$ 24+ -x+4 dr -x+4 = A B x2+x-2 (x+2) + (x-1)

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 $25\sqrt{2} = 9$ $(A) = 6 - \frac{16}{5} - \frac{9}{5} = 1$ vas. MIN $0 = \pm 1$ $(B) = 6 + \frac{16}{5} + \frac{9}{5} = 11$ vala. MAX