Войтенко Игорь Александрович

Подгруппа №1

Do at
Reorgeneran usenezan (16.11.20)
97-2 0
Hezlosofazione gozneziale
S(x) - orgenera na (a, b) Maga
Electrical from the control of the c
the supplication respects and the till se
E(x) - rayclasher responsation of the f(x) ra wheelast (a; b), case 1878 - 5(x) 4x = (x b)
H/CS
ES EGOLA
C-const = F(x)+C
G(x) - reglesdierne -> F(x)-G(x)=0, rge Co R (const)
G(x) - letterconferent
F(x) - nerge julyane Ha (a t) => 3 F(x) ne (a, b)
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I.A. Pales 122 and . Para Inches page are any seem the
det: Cotopyphooms from lexibogagnere que punhyon des
Observationize: $\int f(x) dx = F(x) + C$
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+ 3(x) - respectation so (a; 6) 3 Stade
Churchla neoszeguerreno
1) $\int dF(x) = F(x) + C$
2) IS \$(x) dx = f(x) dx

\$ (23/x) dx = 2. S f(x) ox . 2 =0 1 1(3(x) 2(x)) dx = 5 5(x) dx + 5 g(x) dx East SECONDX = F(x)+0, mo \$5(ax+b)dx = \$ F(ax+6)+C, a = 0, 0,6,C+R Thankinga Mocaliluna 010-dx = C +1 + C , (d # -1) 5 TAGARGONA SI dx = X+0, 5 = 21x +0 14 = - x+0 1 1 = tn/x1+c 1) Say dx = (20) + 0 Brackecom Jerdx = ex+0 5) Ison x dx = - cosx + C 6 Josx dx = sinx = C To Scorx = tgx + C 8) Jan = -ctgx + C 2 (a + 0) Draconochin Star = arctgx+0 4) In = aresin 2 + 0 (a >0)

to sacreporter follow * aresure + C 10) Jana - ja (n | x - a / + c (a > 0) 12) John = thix - 12-+2 1-+C 13) SShixdx - Chx+C 110) Schidx-Shx+C 15) Staxdx = - (2 1005x1+C 16) Joeg x bx = In 13 in x 1 + c 14) 5 th = th/2 3/40 18) Jan = 4-14(2-7) +0 y = ch(x) - whep-to-waterway receive 8= CK(6) = 2 - 00 y = th (x) - represent makinene y= th(a) = 3h(a) = 2x - 2x

о ставо ченеровнительни конамина ye other show - extent Joins hadunne untergase Jess (3x) 3x; Jux-5. Jest Jx Demestue gagar 1/8.1.1 1/8.1.1 1/5 = 5x3 dx = 25+1 +6 + 2 +0 = -2x 2500 · 5x20x · 三十十0 · 一十0 · 一十0 · 一十0 3) 12 dx = (2/2) +0 5) Sidx = Sidx = aresen & +0 5) 50x - Unix+1x-71+6 1818

 $D \int (3.5' - \frac{3}{5x} + 7) dx = \int 3.5' dx - \int \frac{1}{5x} dx = 1$ $+ \int 7 dx = \frac{3.5'}{10.5} - 30x^2 + 7x + 0$ $D \int \frac{x^4 - 36.45}{10.5} dx = \int \frac{x^4}{10.5} - 3x^{\frac{1}{2}} + 5x^{\frac{1}{2}} dx = 1$ $= \frac{3.4'}{5.4'} - 3 \frac{x^{\frac{1}{2}}}{1.4'} + 6 \frac{x^{\frac{1}{2}}}{1.4'} + 6 = 1$ $= \frac{2\sqrt{15}}{5} - \frac{6}{5}\sqrt{3} + 10.5x + 0$