Войтенко Игорь Александрович

Подгруппа №1

Universally un stage

$$1 = \frac{1}{8} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{8} \cdot \frac{1}{8} \cdot \frac{1}{2} = \frac{1}{8} \cdot \frac{1}{8} \cdot \frac{1}{8} = \frac{1}{8} \cdot \frac{1}{8} = \frac{1}{8} \cdot \frac{1}{8}$$

```
18.2.11
 1 1/x +3 dx = 5 ( 1/x - 25 ) dx = 4. [ x dx +3 ] dx
= [ t x2 5 => dt = 2xdx] = 4 f dt +3 f dx ==
 = 2 f 3b + 3 lx 1x + 1x -5 1 + C = 45t + 3 lx 1x + 5t - 5 1 + C
  = 452-5+36x1x+5-51+C
 Jesin x sindx dx = [t=sin x, dt = 2 sinxeosxdx]
  + Setat = et + C = etale + C
 \int \frac{1-2\sin x}{\cos^2 x} dx = \int \left(\frac{1}{\cos^2 x} - \frac{2\sin x}{\cos^2 x}\right) dx = \int \frac{dx}{\cos^2 x} = 2 \int \frac{\sin x}{\cos^2 x}
 = 1 da - 2 1 dt = 1 dx + 2 1 t dt =
   = tgx - 2 + 5 + C = tgx - 2 + C = tgx - 205x + C
                 N8.2.14
5 3x 4 dx = 35 xdx -45 dx = [t x2-v->dt + xdx]=
= 3 1 dt -4 1 dx = 3 ln/t1 - ln |x-2 |+ c
- 3 Lx 1x2-41 - (x | x-2 |+C
```