```
8.71
 D 5 12 144 +3 da
   Ncx= 42+44+3
  u_{1/2} = -\frac{4}{3} \pm \sqrt{4} - 3
= -\frac{4}{3} \pm \sqrt{4} - 3
= -\frac{6}{3} \pm 1 = 3 u_1 = -3, u_2 = -1 = 3 N(u_3) = (u + 3) (u + 1)
 4=+44 13 = 4+3 + 4+A
   u = 4(u+1)+ B(u+3)

u = -1 -> -4= 2B= D= -4

u = -3 => -3 = -2A => A = = =
  1 = 3 = 2(4+3) = 2(4+2)
 Ja2+44+3 = Saluro - Saluro = 3/200130 - Jacu+0 = 3 (n (/24+61) - (n (/24+21) to
(1/e2x)2e2x /x
  Susscitution:
 sei x = 16, 6
 5(4+e2.164)2 e2.164 . (6(4 4) dh = 5(4+6)2.4. 24 dh = 15(4+6)2 = 15/2 +24+1 dh
                                             = 12 - (343+ 42+4)
Rüchan Sotifution:
 x= 1 ( h 6) 2x= ( h 6) e2x= 4
12.(3.(2x))+(e2x)+e2x)=1(13e6x+e4x+e2x)
  sei 4= t-1
  = 1 (9+6-1) 26 = = 1 (62 d6= = 1 . 163 = 163
  Richauss Gitution:
  £ (4+1)3
  3 (1+e2x)3/
 1) Si lux dx
 Partielle Integration:
  Jt. Cn x dx = (nx · Cn x - 5 ln x · 1 x dx =) 2 5 1 · (n x dx = (n2 x =) 5 1 · (n x dx = (n2 x)
```