Janua Jourses JoH: Oll. 10600041. Контрогна 2. $(x^2 4x + a)(x^2 - 2x + 2) = x^4 - 6x^3 + 14x^2 - 16x + 8$ x5: x4-6x3+14x2=16x+8 - x5-6x4+14x2-16x2 18x2 6x4-14x3+16x2-8x 6 x4 - 36x3+84x2-96x+48 22x3-68x2+88x-48 \$\\\ \frac{1}{\text{\final}\chi \text{\final}\chi \text{\final}\ch $= \int x dx + 6 \int dx + 2 \int (1/x^3 - 34x^2 + 44x - 24) dx$ $= \int x dx + 6 \int dx + 2 \int (1/x^3 - 34x^2 + 44x - 24) dx$ $= \int x dx + 6 \int dx + 2 \int (1/x^3 - 34x^2 + 44x - 24) dx$ $= \int x dx + 6 \int dx + 2 \int (1/x^3 - 34x^2 + 44x - 24) dx$ $= \int x dx + 6 \int dx + 2 \int (1/x^3 - 34x^2 + 44x - 24) dx$

.... = $(40+c)x^3 + (6-4a+d-4c)x^2 + (6a-2b+4c-4d)x$

+ (26+40-Aa)

 1×3 : $11 = a + C = 7 = 2 \times 0.11 - C$ 1×2 : -4a + 6 + -4c + d = 34 - 44 + 6 + 4c + d = 34 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44 1×3 : 6a - 26 + 46 - 2d = 44- MY FUE THE 20 740 24 d= 68 Dr A\$ 6666C+ 1 x3: 11 = a+c a = 11-c a= 12 3 x2: -4a+6-4c+d=3a=7-48+6+4+6=34 6= \$2-80 x = 6a - 28 + 4c - 4d = 64 = 7 20+d = 22 d= 2 6=8 x = -4a + 26 + 4d = -24 + 3 C) 2a +4c ≠ 20 a+2c=10 $B = \int \frac{12 dx}{x-2} + \int \frac{8 dx}{x-2} + \int \frac{2-x}{2+2m} dx$ C-25 d (x-2) = 12 en | x-2 | + (-const $D=85\frac{d(x-2)}{(x-2)^2}$ $(x-2-t)=185\frac{dt}{t^2}=\frac{8}{t}+c$ $\mathcal{E} = 2 \int \frac{0}{\lambda^2 2\pi i^2} - \int \frac{\lambda 0 x}{\lambda^2 2\pi i^2} =$ arctg(x1) $=2\int_{(x-1)^2+1}^{(x-1)}-\int_{(x-1)^2+1}^{(x-1)}\frac{dx}{(x-1)^2+1}-\int_{(x-1)^2+1}^{(x-1)}\frac{dx}{(x-1)^2+1}+\int_{(x-1)^2+1}^{(x-1)}\frac{dx}{(x-1)^2+1}$ Sudie = S du2+1= en/x2-2x+2/2 2arctg(x-1) [-2=]

Otz: $A = \frac{x^2}{2} + \frac{2}{6x+[12\ln|x-2|+8} + 2arctg(x-1)-arctg(x-1) + 2arctg(x-1) + 2$