2cd 11

3

dla 
$$J = S = \frac{1}{1 + e^{-1/4x}} dx$$

η	k	tk	AL
1	0.1	+1-0,577350	1
2	0,2	tc 0,774597	5/9
	1	0	819
3	0,3	the 0,861136	0,347855
	1/3	1/2 0,339981	0,652145
4	0,4	T_ 0,306180	0,236927
	1,3	t 0,538469	0,478629
	2	0	0,568889
	× <sub>h</sub> =	$\frac{0-a}{2}+n+\frac{b+a}{2}$	1 + 1 >

$$I(f) = \int f(x)dx = \frac{b-a}{2} \left( A_0 f\left(\frac{b-a}{2} + \frac{b+a}{2}\right) + A_1 \right) = S(f)$$

Werky 
$$1-\frac{a=-2}{2} = \frac{3}{2} = \frac{3}{2} = 0.1$$

	<b>(D)</b>		0
1 0 (+1	0,172,5) -0,943375	1	1,943375
6	-1,4364925	2	24364925
21	0,5		
6	-1,65289	3	2,65284
3 (	-0,3499525	2	1,3499525
10	-1,76545	3	2,76545
	-0,8461725	2	1,8461725
7	0,5		

1:  $I(f) = \frac{b-a}{2} (1f(-0.94-)) + 1.f(1.9433)) =$  2.f(1.2660 + 0.6152) = 4.7029.1

2°  $I(f) = 2.5(\frac{5}{3}.f(-1.436) + \frac{8}{9}(f(0)) + \frac{5}{3}.f(2.4364))$ = 4,7077

3°  $I(f) = 2.5 (0,34) \cdot f(-1,65) + 0.65 \cdot f(1,34) + 0.65$ 

4:  $I(f) = 7.7 \left(0.23 \cdot f(-1.76) + 0.47 \cdot f(-0.84) + 0.76 \cdot f(0.17) + 0.47 \cdot f(1.8) + 0.23 \cdot f(2.76)\right)$ = 4.705421164458120