

$$\int (x)^{\frac{1}{2}} \frac{1}{(x-3)^{\frac{1}{2}}} (x+2)^{\frac{1}{2}} \times 2 (5;+\infty) \times 2 (9;+\infty)^{\frac{1}{2}} \times 2 ($$

S(9) ~ 18 . 9 2.16.11 = 2.16.11 =

J(9) = 14 + 2 - 3 - 4 - 11

1. 
$$f(k) = \sqrt{e^{2x-1}} + 1$$
 (xer) -)  $3 \sin^{-1} (8 \cos^{-1} (9^{-1})^{-1} (\sqrt{2})^{-2}$ 

1.  $f(k) = \sqrt{e^{2x-1}} + 1$  (xer) -)  $3 \sin^{-1} (8 \cos^{-1} (9^{-1})^{-1} (\sqrt{2})^{-2}$ 

1.  $f(k) = \sqrt{e^{2x-1}} + 1$  (xer) -)  $3 \sin^{-1} (8 \cos^{-1} (9^{-1})^{-1} (\sqrt{2})^{-2})$ 

1.  $f(k) = \sqrt{e^{2x-1}} + 1$  (xer) -)  $f(k) = \sqrt{e^{2x-1}} + 1$  (exectly as  $f(k) = \sqrt{e^{2x-1}} + 1$  (exectly as  $f(k) = \sqrt{e^{2x-1}} + 1$  (exectly as  $f(k) = \sqrt{e^{2x-1}} + 1$  (for  $f(k) = \sqrt{e^{2x-1}} +$ 

 $(S^{-1})(\sqrt{2}) = \frac{1}{S'(S^{-1}(2))} = \frac{1}{S'(\frac{1}{2})} = \frac{1}{1/12} = \frac{1}{1/12}$ S(x)=12= 1=2x-1+1 2x-1 C +1=2 2 x.1 = (u 1 2 = 2 => 8 (12) = 2

flegj: "flost" meg odbaki g-1 exploite

$$\frac{1}{3} \cdot (\lambda_{1} + \infty) - \lambda_{1} \cdot e^{2} \cdot y \cdot e^{2} \cdot (\lambda_{1} + \infty) = y \cdot y \cdot e^{2} \cdot \lambda_{1} \cdot e^{2} \cdot \lambda_{2} \cdot e^{2} \cdot \lambda_{1} \cdot e^{2} \cdot \lambda_{2} \cdot e^{2} \cdot \lambda_{1} \cdot e^{2} \cdot \lambda_{2} \cdot e^$$

$$S_{poo}: (S^{1})^{1}(I_{2}): \frac{I_{2}}{2^{r_{1}}}: \frac{I_{2}}{2}$$

$$\frac{1}{1+e^{-1/2}} = \frac{1}{1+e^{-1/2}} = \frac{1}{1+e^{1$$

Teladable

(R.) 
$$arc cos \frac{1}{x}$$

$$-\frac{1}{1-(\frac{1}{x})^2} \cdot -\frac{1}{x^2}$$

$$-\frac{1}{\sqrt{1-(\frac{1}{x})^2}} \cdot -\frac{1}{x^2} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}}$$

$$-\frac{1}{\sqrt{1-(\frac{1}{x})^2}} \cdot -\frac{1}{x^2} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}}$$

$$-\frac{1}{\sqrt{1-(\frac{1}{x})^2}} \cdot -\frac{1}{x^2} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}}$$

$$-\frac{1}{\sqrt{1-(\frac{1}{x})^2}} \cdot -\frac{1}{x^2} \cdot \frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{2}}$$

4y 995 arcto 
$$\frac{l+\kappa}{l-\kappa}$$

$$\frac{l}{l+(\frac{l+\kappa}{l-\kappa})^2} \cdot \frac{l \cdot (l-\kappa) - (l+\kappa) \cdot l}{(l-\kappa)^2}$$

$$\frac{l}{(l-\kappa)^2} \cdot (l-\kappa)^2 - \frac{l}{(l+\kappa)^2} \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2 + (l+\kappa)^2} \cdot (l-\kappa)^2 - \frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 - \frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 - \frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 - \frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 - \frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 \cdot (l-\kappa)^2 \cdot (l-\kappa)^2$$

$$\frac{2}{(l-\kappa)^2} \cdot (l-\kappa)^2 \cdot$$

$$\frac{\times}{(1+x)2(x)} = \frac{\times}{2(1+x)} = \frac{\times}{2(1+x)}$$

$$\frac{3}{5} \frac{1}{1} \frac{1}{2} \frac{1}{2} \frac{1}{1} \frac{1}{2} \frac{1}{2} \frac{1}{1} \frac{1}{2} \frac{1}$$

$$\frac{2}{2\sqrt{1+e^{2x}}} \cdot 2 \cdot e^{2x}$$

$$\frac{2}{\sqrt{1+e^{2x}}} \cdot 2 \cdot e^{2x}$$

by a-3 g'(a)=5 (x)... S 6x +5 3.e5x, 200s2x S. R -> R S(K): 5 Q. e<sup>2</sup>× + 5. cosx (x<0) x<sup>4</sup> + 5x<sup>2</sup> - 4x + 1 (x≥0) Xe(-or,0) mireleti stabalyon algorain SeDEx) er fry- 2ae2x-6. siulx) x C (0/100) davialbalosaga roualloro' mus. sv. a. SEDEx) e's 5'(E)= 4x3+10x-4 K=O, dano SEDSOS => SECTOJ 1 S'ED: J'(6) SECTOT, Ma 10'un f = (1'un f O-0 Q+a (1ten Q+6) h=0+10 c= (1° ) X-3C+0

$$S'(0) = S'_{1}(0) \text{ dely sul, ha}$$

$$2a = -4 \qquad a + b = 1$$

$$0 = -2 \qquad b = 3$$

$$4 = -2 \qquad b = 3$$

$$k \text{ forestion } S'(0) = -1$$

$$S'(x) = -4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 4 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2 \cdot e^{2x} - 3 \cdot 3t^{1} \text{ fux } x < 0$$

$$S'(x) = 2$$

X=0, JECLOJ 1 = limg = lime = 1 tetabileges Lesekin figures a Rig m . 0 = S\_(a) - S\_(a) - L S(Q) = 0 S(x) = 0

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$$

8 = 4a

6=-21

$$f(2) = \int_{-1}^{1} (2) = \int_{-1}^{1} (2)$$

. lete 
$$S_{-}^{1}(0) = S_{+}^{1}(0) = p+5$$

let  $P + 3$ 

$$\frac{1}{\ln\left(\arccos\left(\frac{1}{2}\right)^{2}-\frac{1}{2\sqrt{2}}\right)^{2}} = \frac{1}{1-\left(\frac{1}{12}\right)^{2}} \frac{1}{2\sqrt{2}} \frac{1}$$

$$\frac{5x^{4}-6x-6x^{2}\cdot(1-x)^{2}-(-2x^{3}-5x^{2}+x^{5})\cdot(2x-2)}{(1-x)^{4}}$$

$$\frac{5x^{4}-6x-6x^{2}\cdot(1-x)^{2}-(-2x^{3}-5x^{2}+x^{5})\cdot(2x-2)}{(1-x)^{4}}$$

$$\frac{5x^{4}-6x-6x^{2}\cdot(1-x)^{4}}{(2x^{3}-6x^{2}+4x^{4}+6x^{3}+-x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{3}+x^{6}+4x^{4}+6x^{4}+x^{6}+4x^{4}+6x^{4}+x^{6}+$$

$$(100 \times 10^{-1})^{-1} = (100 \times 10^{-1})^{-1}$$

$$S(x) \sim \frac{a + \cos x}{cx}$$

$$x \approx \frac{x^2 - 10x + 4}{b}$$

$$x \approx 0$$

$$-a-1 = a+b-\frac{10}{5}$$

$$a \in A = \frac{h}{5}$$

$$-a-1 = a+\frac{h}{5}$$

$$-a = \frac{h}{6}$$

$$-a =$$