```
Matalinza OPUL
 Priblizhin Momota
a) V382 10=400 x1=382 ((x)= Vx1
 6' W = 2 m
 \sqrt{381} \approx f(x_0) + f'(x_0), (x_7x_0)
 \sqrt{387} = 30 + \frac{3\cdot 30}{\sqrt{100}} \cdot (-18) = 30 - \frac{30}{6} = \frac{50}{562}
 (1) EVIS 10 = 37 11=36 (XX) = X5
 = C(x°) > C(x°) > C(x°) (x'-x°)

(x°) = 3
 5/36 = 7 + 55/32 (SG-37) = 7 + 4
 \frac{C(x)}{(x)} = \frac{1}{x} \cdot \mu(3)
c) \frac{1}{1/2} \times 10^{-3} = \frac{1}{2} \times 10^{-3} = \frac{1}{2} \times 10^{-3}
 1,2 = C(x9) + G(x0) (x v - x0)
 2100 = H + HING) (-0,1) = H - 4/M (2)
 g) arctil (V'V) 10-V XV=V'V
  c_{I}(x) = \frac{1+x\sigma_{I}}{I}
 anotal(v'v) = 1/4 + 30
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laylorou Polhhom

$$\int N = \mathcal{L}(\chi o) + \frac{1}{6(\chi o)} (\chi - \chi o) + \frac{5}{6_{\mu}(\chi o)} (\chi - \chi o)$$

$$\alpha$$
) $C(x) = | N(x) | X^{\circ} = \overline{V} | N^{-\frac{1}{2}}$

$$G_{I}(X^{o}) = \frac{X}{V} = \overline{V}$$

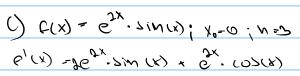
$$E_{11}(X^{0}) = (X_{-1})_{1} = 2 - X_{2} = -\frac{X_{2}}{4} = -\sqrt{1}$$

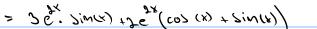
$$C_{\parallel}(X^{o}) = \frac{X}{V} = V$$

$$\frac{1}{\xi_{1/4}(X^{0})} = -\frac{X^{H}}{V} = -\frac{1}{V}(X-V) - \frac{3}{V}(X-V)^{2} + \frac{C}{V}(X-V)^{2} - \frac{3^{H}}{V}(X-V)^{2} + \frac{C}{V}(X-V)^{2} + \frac{C}{V}(X$$

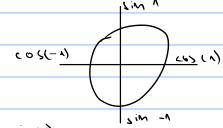
$$|A| = O + \frac{1}{4}(X-I) - \frac{3}{4}(X-V) + \frac{2}{4}(X-V) - \frac{3H}{4}$$

$$P^{III}(x) = 2\mu x - 30 \Rightarrow -54$$





$$\mathcal{L}^3 = 0 + \chi + \chi^4 + \frac{c}{\delta r_3}$$



Maclurinay Dad

$$\frac{N^{2}}{\sqrt{N^{2}}} = \frac{(N+N)!}{\sqrt{N^{2}}} =$$

$$\frac{1}{|M|} \frac{1}{|M|} \frac{1}$$

$$II. \ n \mid V_{0} = -\frac{1}{2} = \frac{1}{2}$$

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$$II. \ n \mid V_{0}$$

Priebely funkcie

$$C_{1}(N) = \frac{2x^{2}}{x^{2}+1} \qquad OC: x^{2}+1 +0 \Rightarrow hikdu hanosion$$

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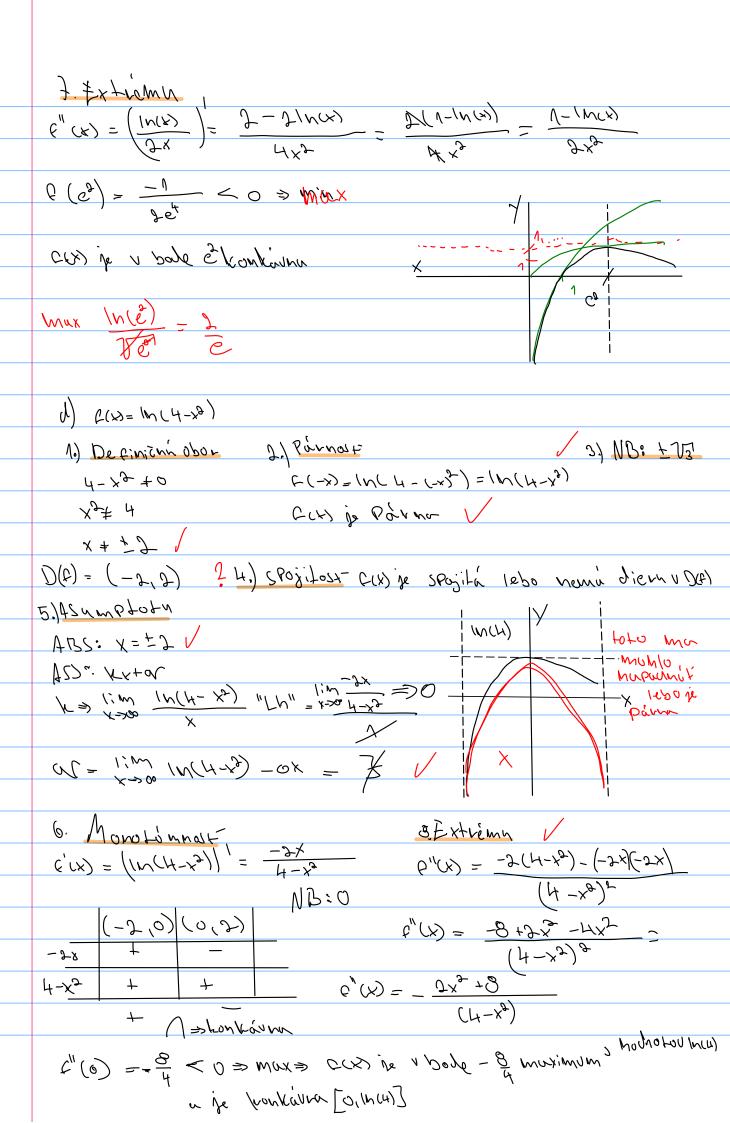
$$C_{2}(N) = C$$

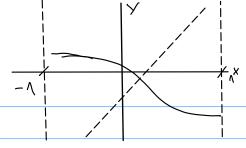
$$C_{3}(N) = C + N \Rightarrow herican (-2) + N$$

$$\begin{cases} (x) - \frac{1}{2}8x^{2} - 32x^{2} + 6x^{2} + 13x - 1 \\ (4x - 1)^{2} \end{cases} = \begin{cases} (x - 1)^{2} - 16x^{2} + 13x - 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} - 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} - 1 \end{cases} = \begin{cases} (x - 1)^{2} - 16x^{2} + 13x^{2} - 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} - 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} - 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} + 1 \\ (x - 1)^{2} - 16x^{2} + 13x^{2} + 13x^{2} + 1 \\ (x - 1)^{2} - 16x^{2} + 16x^$$

(x) ⇒ (-0; 4) ⇒ K/B/r; (= 10) > NOSTIG

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Fextremy borten 1011 to roje z Prevoj &
   X 1, 1
         6"(0) = 6 >0 ⇒ min troba Zahrnit ?? }
            En (V) = 0 => INtlex My DON
             C_{\parallel}\left(\frac{d}{d}\right) = \frac{8}{12} - \frac{8}{3e} + \frac{8}{18} > 0 \text{ min}
             INFLEX 16x(x-1) = 16.1(0) =0
     0) 6(x) = 1x
     1. Decinitury opon I Darnost
           O(\mathcal{E}) = (O(\omega)) 
O(\mathcal{
 o. Vulou bock : 1 y
 4. SPOJILOST => ECX) jo spojila lebo noma dieur V D(c) X !
     5. Asamplota
           1BS: 0 = 0
        ASS: Kx tor
       K: 1!W 1N(x) "[N] = 0
         W: 1:m (NUX) => 0
              ASS Z 1
      6. Monotopnost
c'(x) = \left(\frac{\ln(x)}{\sqrt{X}}\right) = \frac{x}{X} - \frac{\ln(x)}{20x^{1}} = \frac{1}{x} - \frac{\ln(x)}{2\sqrt{x}} = \frac{2 - \ln(x)}{x^{2}}
               NB ('W) > 0
                                                                                                                                                                                                                        J-1N(x) = 0
             X=63
```





1. Definituh obor

1) Parnost

3)270jit01+-

E(x) jo spojitá leso remi diera V D(c)

$$NB: \frac{\chi}{2} = \alpha + c + \gamma (x)$$

ABS X = +1, -1

455: Lx +0

$$\frac{x>\infty}{(!M)} \left(\frac{x}{x-J\alpha r c + \delta(x)} \right)_{1,\Gamma} P_{1,1} \stackrel{X>\infty}{=} \frac{X>\omega}{\sqrt{1-1+\sqrt{1-1}}} = \lim_{x \to \infty} \frac{x>\omega}{x_3-1+\sqrt{1-1}} =$$

 $\frac{k \to \infty}{l : W} - \frac{k_0 + \nu}{J} \Rightarrow V$

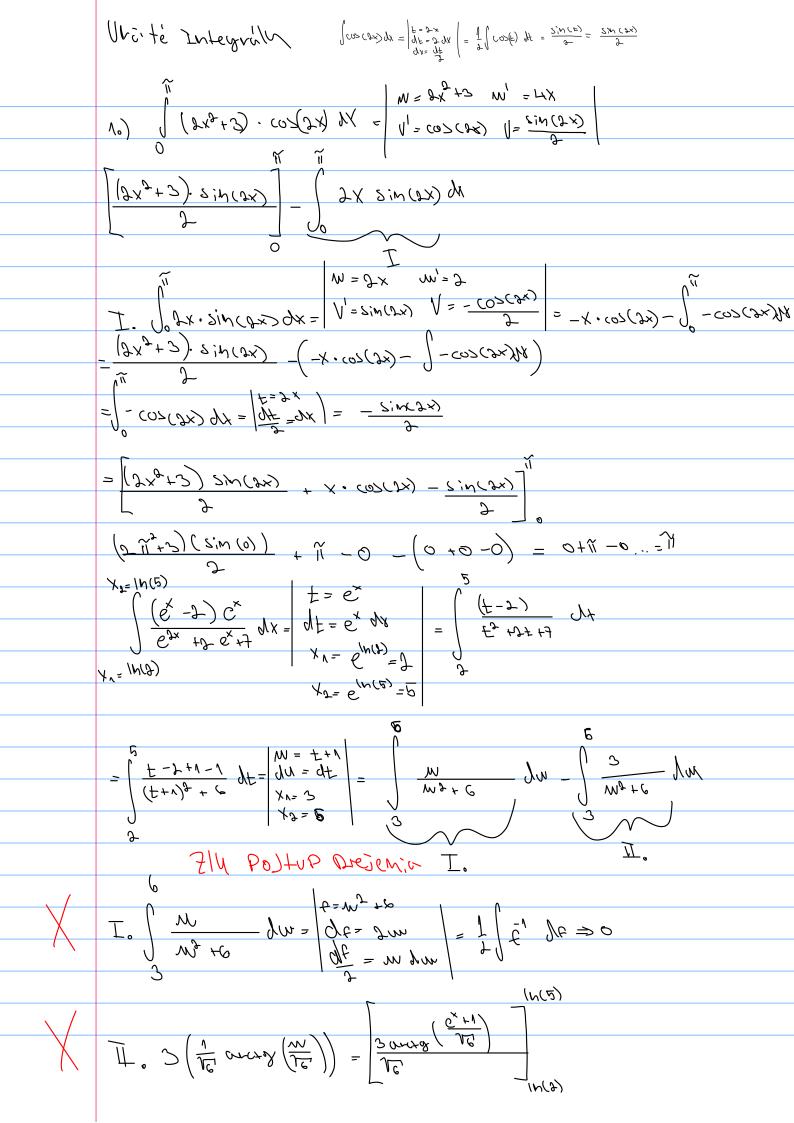
$$C_{1}(x) = 1 - \frac{1+x_{3}}{3} = \frac{x_{3}+1}{x_{3}-1}$$
 NB: $\frac{1}{2}$ $C_{11}(x) = \frac{(x_{3}+1)_{3}}{3x(x_{3}+1)_{3}-(x_{3}-1)_{3}+1}$

$$E_{\parallel}(x) = \frac{(X_0 + V)_3}{FX}$$

$$C_{\parallel}(x) = \frac{(X_0 + V)_3}{X_0 + JX}$$

$$C_1(-1) = \frac{+}{+} > 0 \Rightarrow min$$

$$C_1(-1) = \frac{+}{+} > 0 \Rightarrow min$$



 $T \cdot \frac{1}{2} \left(w' = \frac{\ln(e^{3x} + 3e^{x} + 7)}{n} \right)$ $\frac{1}{1} \cdot \frac{1}{2} \cdot \frac{1$ 1 \(\(\ell_{2}^{\text{x}} + \gamma_{\text{e}}^{\text{x}} + \frac{3}{767}\) 1 (6,0 + 8e2+4) - 3 anoth (6,2+1) - (1 (6, + 86, +4) - 3 anoth (6, +1))
NGAICON OF TO SIO D'S! POP $\frac{\int \frac{\cos_2(x) - 2\cos(x) + \rho}{\rho! \, \nu(x)} \, dx}{\rho! \, \nu(x)} = \left| \frac{\varphi + = -\epsilon ! \nu(x) \, dx}{\uparrow! = \cos(x)} \right| = \frac{\left(\frac{\epsilon_3 - 2\epsilon + \rho}{1} \right)}{\sqrt{1}} = \frac{1}{\sqrt{1}}$ $= - \left| \frac{(f - \frac{3}{2})_3 - \frac{1}{1}}{1} qf = \left| \frac{q}{2} \right| = - \left| \frac{2}{1} - \left(\frac{3}{1} \right)_9 - q \right|$ $= |N| \frac{2+\frac{3}{2}}{2-\frac{3}{2}} = |N| \frac{\cos 2\cos -3}{\cos 2\cos -3} \Big|_{\frac{3}{2}} \Rightarrow |N| \frac{1}{3} - |N| \sqrt[3]{2}$ $\sqrt{\frac{\chi(\chi_{\frac{9}{2}}+\chi_{\frac{1}{2}})}{\chi}} = f \sqrt{\frac{\chi_{p}+\chi}{\chi}} \gamma_{x} = \frac{\chi}{4} + \frac{\chi+\chi}{B}$ $0 + 0 + V = \lambda(V + P) + V = \sqrt{\frac{x+v}{v} - \frac{x}{v}}$ D= - 1 = -1

D= ((N (x+1) - (N (x))) /- - 4 - - / $\left[\frac{J}{N}\left(\frac{x}{x+1}\right)\right]^{1} = J/N\left(\frac{cH}{e^{2}}\right) - J/N\left(\frac{g}{f}\right)$

$$\int_{\frac{3}{11}} \frac{(07 \text{d}x) + (07 \text{d}x)}{(\cos 7 \text{d}x) + (\sqrt{7}; \text{d}x)} \, 9x = \left| \frac{9 \text{d}x}{1} = -2! \text{d}x \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{1}{3} + \sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{1}{3} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{1}{3} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \, 7x = \left| \frac{f_{\mathcal{F}}(x)}{f_{\mathcal{F}}(x)} \right| = -\sqrt{\frac{5}{3}} \frac{f_{\mathcal{F}}(x)}{f_{\mathcal$$

$$\frac{f}{\sqrt{1 + \frac{f_{\sigma}}{D}}} + \frac{f_{\sigma}}{c} + \frac{f_{\tau}}{D} + \frac{f_{\tau}}{D}$$

$$D = -7$$

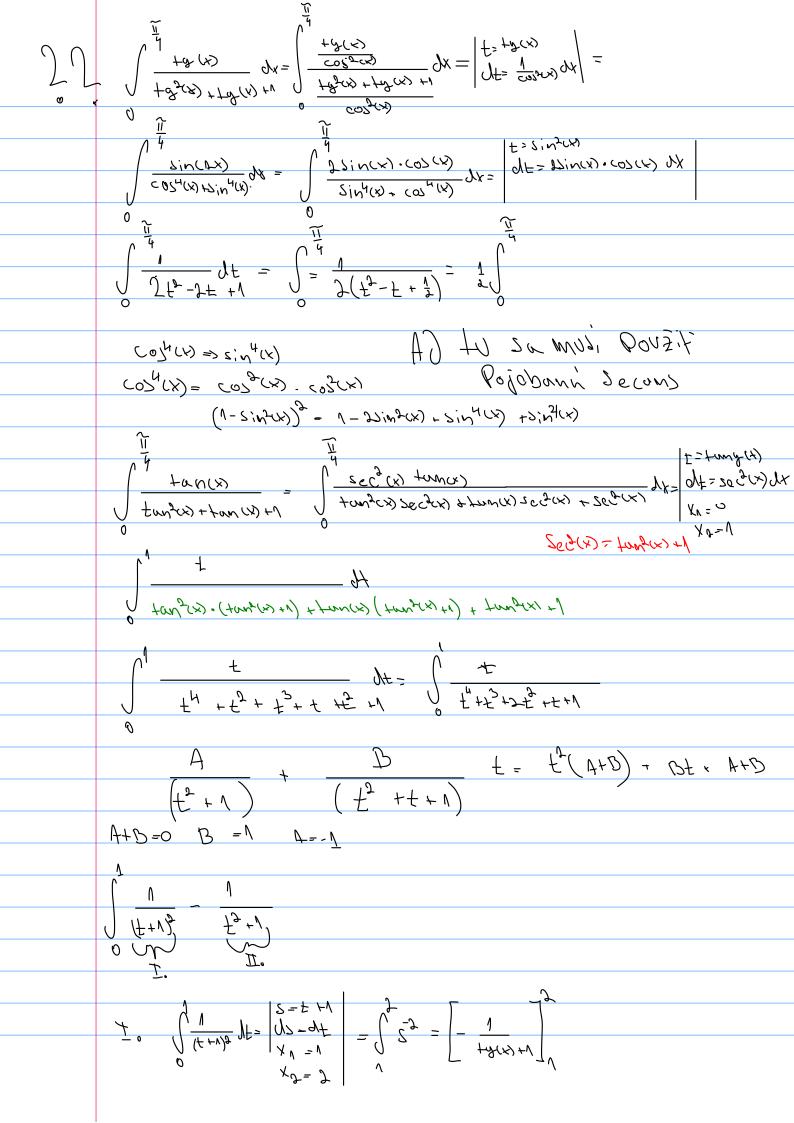
$$V = 7$$

$$D = -\sqrt{\frac{\pi}{J}} - \sqrt{\frac{\pi}{J}} + \sqrt{\frac{\pi}{J}} - \sqrt{\frac{\pi}{J}} + \sqrt{\frac{\pi}{J}} - \sqrt{\frac{\pi}{J}} + \sqrt{\pi}$$

$$C = T$$

$$= -\left(J/N(\cos(\kappa)) + \frac{\cos(\kappa)}{\sqrt{1 - \frac{1}{2}}} - J/N(\cos(\kappa) + \epsilon)\right)$$

$$= \left[\frac{\int \cos_2(x)}{1} + \int |N(\cos_2(x) + i) - \frac{\cos_2(x)}{1} - \int |N(\cos_2(x))|^{\frac{3}{2}}\right]$$



$$T = \int_{1}^{1} \frac{1}{t^{2} t^{4}} dt = \left[-\alpha \cot \theta \left(\tan \theta \cos x \right) t^{4} \right]$$

$$= \left[-\alpha \cot \theta \left(\tan \theta \cos x \right) + \cot \theta \cos x \right]$$

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$$= \left[-\alpha \cot \theta \left(\tan \theta \cos x \right) + \cot \theta \cos x \right]$$

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$$\int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x} - e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e^{2x}}{e^{2x} \cdot e^{2x} - e^{2x}} dx = \int_{-\infty}^{\infty} \frac{e^{2x} \cdot e$$

$$\frac{3}{3} = \frac{1}{3} \lambda + C \qquad \frac{14 - \frac{1}{3}}{2} \qquad \frac{5}{3} = -\frac{1}{3}$$

$$\frac{1}{4} \lambda + \frac{1}{3} + \frac{1}$$

$$I'' = \begin{cases} -7m(0.2) + \frac{7}{4} + \frac{7}{3}m(\frac{3}{3}) - 4m(0) \\ -7m(0.2) + \frac{7}{4} + \frac{7}{3}m(\frac{3}{3}) - \frac{7}{4}m(0) \end{cases}$$

$$I'' = \begin{cases} -7m(0.2) + \frac{7}{4} + \frac{7}{4}m(\frac{3}{3}) - \frac{7}{4}m(0) \\ -7m(0.2) + \frac{7}{4}m(0.2) - \frac{7}{4}m(0.2) + \frac{7}{4}m(0.2) \\ -7m(0.2) + \frac{7}{4}m(0.2) - \frac{7}{4}m(0.2) - \frac{7}{4}m(0.2) + \frac{7}{4}m(0.2) \\ -7m(0.2) + \frac{7}{4}m(0.2) - \frac{7}{4}m(0.2) - \frac{7}{4}m(0.2) + \frac{7}{4}m(0$$

$$| \frac{\partial S}{\partial x} = \frac{1}{\sqrt{1 + \frac{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1}{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + \frac{1}{\sqrt{1 + + \frac{1 + + \frac{1}{\sqrt{1 + + + \frac{1}{\sqrt{1 + + \frac{1}{\sqrt{1 + + \frac{1}{\sqrt{1 + + + \frac{1}{\sqrt{1 + + \frac{1 + + +$$

I déalne nepouzient nutre Poulmienten

$$\int_{0}^{N=1} \frac{N_{\sigma+1}}{3} \Rightarrow \lim_{N \to \infty} \left(\frac{N_{\sigma+1}}{3} \right) = \frac{\omega}{3} = 0 < 1 \text{ poulerAble}$$

$$\int \int_{\infty}^{N^{-1}} \frac{(N_{\sigma} + H)^{\frac{1}{2}}}{(2N)^{\frac{1}{2}}} \Rightarrow \frac{N \Rightarrow \infty}{l! NN} \left(\frac{(N_{\sigma} + H)_{\sigma}}{(2N)^{\frac{1}{2}}} \right) = \frac{\infty}{\omega \omega} > V \quad D! NN ANJ_{G}$$

$$\int \int \frac{N^{2}}{40} \frac{N_{p}+V}{3} = 3 \sum_{Q_{p}} \frac{N_{p}rV}{\sqrt{1 + (N^{2})^{2}}} = \frac{N^{2}}{\sqrt{1 + (N^{2})^{2}}} - \frac{N^{2}}{\sqrt{1 + (N^{2})^{2}}} - \int \frac{N^{2}}{\sqrt{1 + (N^{2})^{2}}} \frac{N^{2}}{\sqrt{1 + (N^{2})^{2}}} - \frac{N^{2}}{\sqrt{1$$

Pr. D'alembertorno rhila lina I tak sa to nesh

6)
$$\sum_{i=1}^{N-2} \frac{(N+i)!}{(N+i)!} = \sum_{i=1}^{N-2} \frac{(N+i)!}{(N+i)!} \cdot \frac{(N+i)!}{(N+i)!} \cdot \frac{(N+i)!}{(N+i)!} = \sum_{i=1}^{N-2} \frac{(N+i)!}{(N+i)!} = 0$$

Diversije

$$6) \sum_{\infty}^{N=\nu} \left(\frac{\partial^{2} \nu_{o} + \nu}{N + \nu} \right) = \lim_{N \to \infty} \left(\frac{\partial^{2} \nu_{o} + \nu}{N + \nu} \right) \Rightarrow 0 \quad \text{frontradiff (rpo) limitar existing}$$

$$\lambda \sum_{n=1}^{N-1} \frac{N}{N(n)} = \frac{0 \rightarrow \infty}{|N(n)|} \frac{1}{\sqrt{N(n)}} \frac{1}{\sqrt{N}} = \frac{1}{\sqrt{N}} \frac{1}{\sqrt{N}} \frac{1}{\sqrt{N}} = \frac{1}{\sqrt{N}} \frac{1}{\sqrt{N}} = \frac{1}{\sqrt{N}} \frac{1}{\sqrt{N}} = \frac{1}{\sqrt{N}} \frac{1}{\sqrt{N}} = \frac{1}{$$

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} \Rightarrow \frac{1}{2} \Rightarrow \frac{1}{2} = \frac{1}{2}$$

$$\frac{N=1}{N} \sum_{n=0}^{N=0} \frac{N(\sqrt{3})}{N(\sqrt{3})} \Rightarrow \lim_{n\to\infty} \frac{N(\sqrt{3})}{N+1} = \lim_{n\to\infty} \frac{3N}{N+1} = \frac{J}{1} \text{ prounerally Ge}$$

```
MWM to to Nesely
 W = X . N = HX
                                                                                                                                                                               \int_{a}^{\sqrt{2}+7} \times 9 \times = \left[ \frac{a}{x_{1}} + 5 \times s \right]_{a}
          \chi^3 = 4\chi
      X3 -4x=0
   X ( x, - 4) =0
  \int_{0}^{\infty} \frac{1}{2} e^{-x} - 1 - \cos(x) dx = \left[ +e^{-x} - x - \sin(x) \right]_{0}^{\infty}
                                                  +e^{-\frac{\pi}{2}}-\frac{\pi}{2}-1-(1) Nesel'i Zuse Palla Usiconio
d) n= |cos(x)| : n= sin(x)+1 = xe co, 17
                                                                  -N - " - ( N) = - " - 2
     8) JA, -2 = N+V
                   \frac{1}{12} \frac
                                    nejalah prihlad)
     \frac{x_{5}+y-2+x=0}{y-x+y-y} = \frac{-5}{y-x-x-y} = \frac{-5}{y-x-x+9-9}
\frac{x_{5}+y-2+x=0}{y-x-x-y} = \frac{-5}{y-x-x+9-9}
      x +x -3 = 0
        -5 2
7 2
( x +3/(x-v)
```

$(x_{3}-4)=0$ -3 -3 -3 -3 -3 -3 -3 -3
N= Jx+10; N= MX+1p; X=-g X-2
J-X3 + 10-10x - 40-0
$\sqrt{3} - 57\lambda - 6 = 0$
$\frac{-1}{(7x+y)(x-2)} \int f(x+1)e^{-3x} - 40 dx = \left[-\frac{3}{5x^3} + \frac{3}{5} \times \frac{3}{5} + ex \right]^{\sqrt{3}}$
-1 3 -1
-18 +18 - (= -4) = 18 + 10 = 64
3