$$\frac{1}{9\sqrt{1}} = \begin{pmatrix} -10 \\ 0 \\ 20 \end{pmatrix} \sim \begin{pmatrix} -1 \\ 0 \\ 2 \end{pmatrix}$$

$$\frac{1}{2} = \begin{pmatrix} 0 \\ 1 \\ 0 \end{pmatrix}$$

$$\frac{1}{u_{1}} = \frac{1}{2u_{1}} \times \frac{1}{2u_{2}} = \begin{pmatrix} -1 \\ 0 \\ 2 \end{pmatrix} \times \begin{pmatrix} 0 \\ 1 \\ 0 \end{pmatrix} = \begin{pmatrix} -2 \\ 0 \\ -1 \end{pmatrix}$$

$$\mathcal{E}_{1}$$
: $\begin{pmatrix} x \\ 5 \\ 2 \end{pmatrix} - \begin{pmatrix} 0 \\ 0 \\ 2 \upsilon \end{pmatrix}$, $\begin{pmatrix} -2 \\ 0 \\ -1 \end{pmatrix} = 0$

$$-2x$$

$$Z = -20$$

$$t 2 = 20$$

$$\begin{array}{ccc}
\Rightarrow \\
91 & = & \begin{pmatrix} 0 \\ -10 \\ 20 \end{pmatrix} & \sim & \begin{pmatrix} 0 \\ -1 \\ 2 \end{pmatrix}
\end{array}$$

$$912 = \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$$

$$\mathcal{E}_{Z}$$
: $\left(\begin{pmatrix} \chi \\ \eta \\ z \end{pmatrix} - \begin{pmatrix} 0 \\ 0 \\ 10 \end{pmatrix}\right) \cdot \begin{pmatrix} 0 \\ 2 \\ 1 \end{pmatrix} = 0$

C) Shillwill:

 $\frac{1}{6}, \frac{1}{6}, \frac{1}{6} = \frac{1}{6}, \frac{1}{6}$ $\frac{1}{6}, \frac{1}{6}, \frac{1}{6}$

4.2 78,46°

22 - 2·(5-i) +8-i = 0

 $\frac{5}{2} - \frac{1}{2} \pm \left| \frac{1}{4} \left((5-i)^2 - 32 + 4i \right) \right|$

125-101-1-32+41

22122 20109 -8 -6:

(2 (10 -8)

18-6:

2 (N +8) = +

21,2" 25 - 2 + 4 7 % 610 1-14 4 21 03 hiris 1

$$\sqrt{2} = \sqrt{|3|} \cdot (\omega_2(q + 22\pi) + i\sin(q + 22\pi)) + (-4) = 0$$

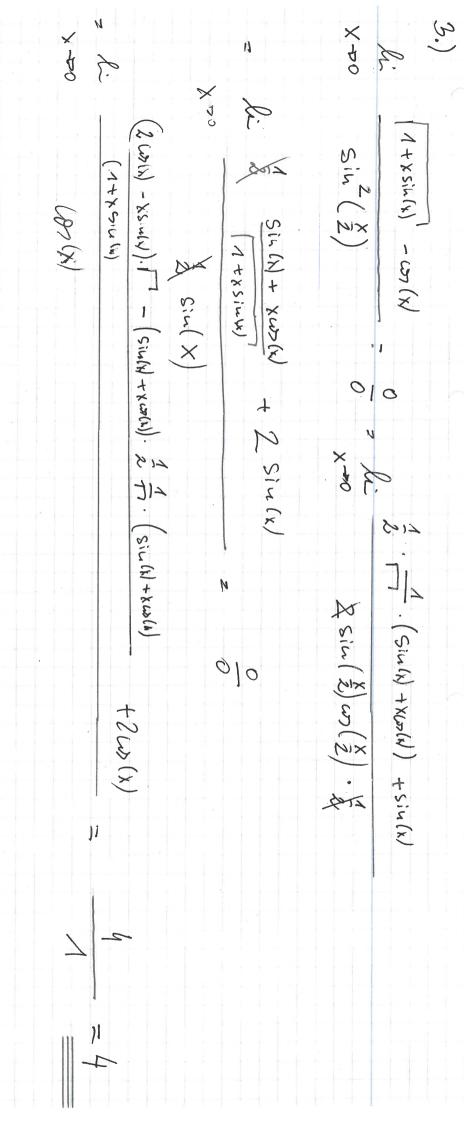
$$1.58. \left(\cos \left(\frac{306,87}{5} \right) + i \sin \left(\frac{306,87}{5} \right) \right) = 1,38. \left(\cos \left(61,37 \right) + i \sin \left(61,57 \right) \right) = 0,661 + i 1,21$$

$$h=1: 22 = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) \pm i \sin \left(\frac{306,87+360}{5} \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) = -1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) = -1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{2233}{5} \right) = -1,25-i \cdot 0,43$$

$$h=2: 27 = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{2233}{5} \right) = -1,25-i \cdot 0,43$$

$$h=3: 21 = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{2233}{5} \right) \right) = -1,25-i \cdot 0,43$$

$$h=3: 21 = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{235,37}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \sin \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{1333}{5} \right) + i \cos \left(\frac{306,87+360}{5} \right) + i \cos \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) + i \cos \left(\frac{306,87+360}{5} \right) \right) = 1,38. \left(\cos \left(\frac{306,87+360}{5} \right) + i \cos \left(\frac{306,8$$



$$\begin{cases} f(x) = 1 - \frac{x^3}{(x^3+1)^2} \\ \frac{\partial f(x)}{\partial x^2} = 1 - \frac{x^3}{(x^$$

$$\frac{4}{4} = \frac{(x^{5} \cdot (x^{3} + 1) - x^{4} \cdot 3x^{2}}{(x^{5} + 1)^{2} - (x^{5} + 1)^{2}} = 0$$

$$\frac{(x^{5} + 1)^{2} - (x^{5} + 1)^{2}}{(x^{5} + 1)^{2} - (x^{5} + 3x^{6} = 0)}$$

$$2x^{3} + 1 - 4x^{4} - 4x^{3} + 3x^{4} = 0$$

$$2x^{3} = 1$$

$$2x^{3} = 1$$

$$x^{3} = 2$$

$$x^{3} = 2$$

$$x^{3} = 2$$

$$x^{3} = 2$$

$$x^{4} = 2$$

$$x^{5} = 2$$

$$x^{5} = 2$$

$$x^{5} = 2$$

5.) a. Str. sin (Tx) olx Subst: 11 - Tx Olx = 24 olu $= \int_{0}^{\frac{\pi}{2}} u \cdot \sin(u) \cdot 2u \cdot du = 2 \cdot \int_{0}^{\frac{\pi}{2}} u^{2} \cdot \sin(u) \cdot du$ u = 0 $=2.\left(u^{2}\cdot\left(-\omega(u)\right)\Big|_{0}+\int_{0}^{\pi/2}2u\cdot\omega(u)\,du\right)=4\cdot\int_{0}^{\pi/2}u\cdot\omega(u)\,du$ = 4. (U. Sin(a) | - 5 1. sin(a) oh,) $= 4. \left(\frac{1}{2} + \omega_{0}(u) \mid 0\right) = 4. \left(\frac{1}{2} - 1\right)$

$$M = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (k_{i})^{2} \cdot S(x) \cdot O(x) - \prod_{i=1}^{N_{i}} \left(\frac{1}{2} \sum_{i=1}^{N_{i}} (x_{i})^{2} + 2 \sin(x_{i}) \cos(x_{i}) + \cos(x_{i}) \right) \cdot O(x_{i}) \right)$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \sum_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \sum_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \sum_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) - \prod_{i=1}^{N_{i}} (x_{i})^{2} \cdot S(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) - O(x_{i}) \right) \cdot O(x_{i}) \cdot O(x_{i}) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) \right) \cdot O(x_{i}) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i})^{2} \cdot S(x_{i}) - O(x_{i}) \right) \cdot O(x_{i}) \cdot O(x_{i})$$

$$M_{i} = \prod_{i=1}^{N_{i}} \left(\frac{1}{2} (x_{i}) \cdot O(x_{i}) \right) \cdot O(x_{i}) \cdot O($$

$$\int_{0}^{\infty} X \cdot S \cdot n(2x) \mathcal{O}(x) = X$$

$$X \leq m(2x) \quad \mathcal{O}(x) = X - \frac{1}{2} \left(\omega \right)$$

$$8 \quad \mathcal{E}_{1} = -\frac{\pi}{2} \left(-\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1}{2} \right) + \frac{1}{2} \left(\frac{1$$

$$\begin{cases} X \cdot S \cdot u(2x) O x = X \cdot -\frac{1}{3} (u x(3x)) \Big|_{0}^{\pi/2} - S - \frac{1}{3} u x(2x) O x \\ S \cdot Q \cdot u = -\frac{\pi}{3} (-\frac{1}{2}) + \frac{1}{3} \int_{0}^{\pi} u x(2x) O x - \frac{\pi}{4} + \frac{1}{4} x u(2x) \Big|_{0}^{\pi/2} = \frac{\pi}{4} \\ M = \Pi \cdot \left(\frac{\pi}{8} + \frac{\pi}{4} \right) - \frac{\pi}{4} \cdot \left(\frac{\pi}{2} + 1 \right) \pi \sim 3, 0.19099 \cdot \Pi = 6,3431 \end{aligned}$$

G. however:

$$y' = -\frac{4}{x^2}$$
 $y' = -\frac{4}{x^2}$
 $y' = -\frac{4}{x^2}$

$$xy' = y - x - xe^{\frac{1}{x}} \qquad y(x) = 0 \qquad y(x) = x \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + x - 1 - e^{-\frac{1}{x}} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + x - 1 - e^{-\frac{1}{x}} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} + \frac{1}{x} - \frac{1}{x} \qquad y - 4 \cdot x + 4 \cdot 2 \cdot 2 \cdot 2$$

$$y' = \frac{1}{x} + \frac{1}{x} - \frac{1}{x} + \frac{1}{x} + \frac{1}{x} - \frac{1}{x} + \frac{1}{x} - \frac{1}{x} + \frac{1}$$

