Amol:

Exc 1)
$$f_1(x) = \frac{3c}{\sqrt{1+3c^2} - \sqrt{1+3c}}$$

$$\sqrt{1+3c^2} - \sqrt{1+3c}$$

$$\sqrt{1+3c^2} + \sqrt{1+3c}$$

$$\sqrt{1+3c^2} + \sqrt{1+3c}$$

$$\frac{1}{2} \times \frac{1}{2} \times \frac{1}$$

$$\mathcal{L}_{\mathcal{A}}(x) = \begin{cases} R^{*} + (1 - 1) \end{cases}$$

$$2)f_{r}(\kappa) = h(1+\kappa^{3}) + \kappa - 1$$

$$\zeta = \kappa + - 1$$

try II : Serie Amolyse no:

Domaine de définition ?

$$N_{f_1} = \sqrt{1 + 1/2} - \sqrt{1 + 1} = 0 \text{ of } \sqrt{1 + 1/2} = \frac{1}{2} \sqrt{1 + 1/2}$$

$$Rt + 1 + 1/2 = 1 + 1/2 = 1/2 + 1/2$$

$$L = 1 + 1/2 = 1/2 + 1/2 = 1$$

produit Remonomorble

3)
$$\int_{3} (x) = \frac{\ln(x)}{E(x^{2})-4}$$

first of All , be > 0 ,
on pose $y = x^{2}$.

= \(\int \langle \lan

= 1 1 - 1 = 0 -

Cim In (1+ K) = 1

2) $\lim_{t \to 0} \frac{2k}{3kc} - \sqrt{k^2 + 1}$ $\frac{2kc}{3kc} - \sqrt{k^2 + 1}$ $\frac{2kc}{6kc^2 - 3kc} + 3kc - \sqrt{k^2 + 1}$