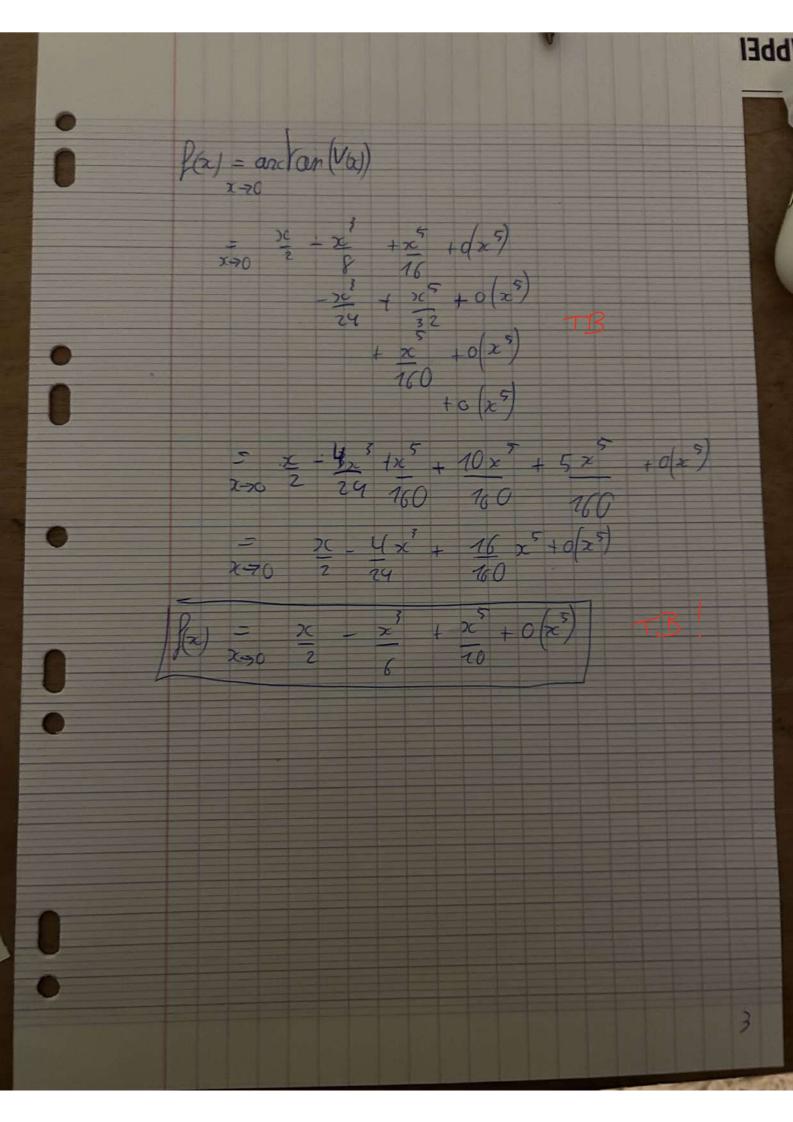
Sat fire will of the 1-1 $\sqrt{1+u} = 1+\frac{u}{2} + \left(\frac{1}{2}\right)\left(\frac{1}{2}\right) u + \left(\frac{1}{2}\right)\left(-\frac{3}{2}\right) \frac{1}{u} + o(u)$ = 1 + 11 - 11 + 1 + 1 + 0(1).De plus = Vita = 1 + 2 - 1(22) + 1 (23) + 0 (26)2) = n+ 1 x -1 x + 0 (25) Ainni : $\frac{\sqrt{1+x^2-1}}{x} = \frac{1-1+1}{2} = \frac{2}{92} + \frac{1}{10} = \frac{6}{x} + o(x^6)$ $= \frac{1}{2} \times - \frac{1}{3} \times \frac{3}{4} + \frac{1}{16} \times \frac{5}{4} + o(x^{5}) = V(x)$ $(\sqrt{x})^{\frac{7}{2}} = \frac{2}{2x} - \frac{4}{2} + o(x^{\frac{5}{2}}) = \frac{2}{x^{\frac{5}{2}}} - \frac{2x^{\frac{5}{2}}}{16} + o(x^{\frac{5}{2}})$ $= \frac{2}{x^{\frac{5}{2}}} - \frac{2x^{\frac{5}{2}}}{16} + o(x^{\frac{5}{2}})$ $= \frac{2}{x^{\frac{5}{2}}} - \frac{2x^{\frac{5}{2}}}{16} + o(x^{\frac{5}{2}})$ $= \frac{2}{x^{\frac{5}{2}}} - \frac{2x^{\frac{5}{2}}}{16} + o(x^{\frac{5}{2}})$

 \sqrt{x} = $\left(\frac{7}{2} - \frac{1}{2} + 0(x^{5})\right)\left(\frac{5}{2} - \frac{x^{5}}{8} + \frac{x^{5}}{16} + 0(x^{5})\right)$ $\frac{5}{2} \times \frac{3}{2} \times \frac{5}{4} + o(x^{5})$ $\frac{3}{2} \times \frac{5}{4} + o(x^{5})$ $\frac{3}{4} \times \frac{5}{4} + o(x^{5})$ $\frac{1}{4} \times \frac{5}{4} + o(x^{5})$ $\frac{1}{x-70}$ $\frac{1}{6}$ $\frac{3}{2}$ $\frac{5}{2}$ $\frac{5}{2}$ Vac) = 1 - 3x5 + 0x5 | x - x + x5 + 0(x5) Vac $\frac{1}{5}$ = $\left(\frac{1}{5} - \frac{3}{5} + \frac{5}{5}\right)\left(\frac{1}{5} - \frac{1}{5}\right)\left(\frac{1}{5} - \frac{1}{5}\right)\left(\frac{1}{5} - \frac{1}{5}\right)$ $=\frac{2e^5}{27}+0(e^5)$ Aussi, $O\left(u(x)^5\right) = O\left(\frac{x^5}{37} + O\left(x^5\right)\right) = O\left(x^5\right)$ Pour finin; andar (4) = 4 - 43 + 45 + 0 (45) Om low us = Vajor a: V bel 7-10



Gra SL Soitme EIR Sx + m y = m x + m y - z = 1 x + y - z = 1 x + y + m = = m y (m-1) - Z(1+m) = A - m -Z(1+m) = 1-m x + 4 + m 7= m y(m-1) = 0 -Z(1+m) = 0-m x + 4 + m Z = m y (m-1) = 0 -- - - 1+m=0 x ty + m z= m 4 m - 4 = 0 x +y + m = m 4:0 ou m=1 x 1 et = 2 m y = 0 ou m = 1 Z = -1