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SVILUPPI NOT
                                  PX = 1 × + 2 + ... + xh + o(xh)
                            \log(4i\hbar) = x - \frac{x^2}{2} + \cdots + (-4)^{n+1} \frac{x^n}{h!} + 0 (x^h)
                                Sin K = K - \frac{K^3}{3!} + \frac{K^5}{5!} + \cdots + (-4)^n \frac{K^{2n+4}}{(n+4)!} + O(K^{2n+2})
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2) him ( \( \sqrt{x} \frac{1}{x} \cdot \sqrt{x} \cdot \sqrt{x} \frac{1}{x} \cdot \sqrt{x} \cd
                                (0) x = 1 - x2 + x9 + ... + (=1) x29 + 0 (n24)
  1) ((x): 1 = 1+ x + x2 + x3 + x4 + p(x4) => Jour geometrica
                                                                     1(4)= (1-x)2
                                                                   \int_{1}^{\infty} (x) = \frac{2}{(a-x)^3}
                                                                                                                                                                                              (G) = 2
                                                                 (4) = 6
(4) = 14-414
                                                                                                                                                                                   (0)=6
                                                             1"(x)= 24 1 (0)=24
                   ((x)= (11x)" = 1+ xx + x(x-1) x?, x(x-1)(x-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              H . . Ti'W di 📥
                                                                     (x) = x (11x)4.4
                                                                     ( ( ) = a(x-4)(4+x)67
                                                                                                                                                                                                                                                                      1 (0) = a (u-1)
                                                                                                                                                                                                                                                                 (0)= d(x-1/4-2)
  1) las e binx =
                                                                                                                                                                   T,(1): ?
                                  chappiones du per t-00 et 1+ t+ 2+ --+ o(t) => f(s): 1+ min: 2 + 31 + (min: 1) + (lain: 1)
                                  paradisi le metappe di vinx a un ordine alume para di quello di e<sup>t</sup>:

Ninx = x = \frac{1}{3!} \cdot 7(x^{-1}) = > e^{nin} \cdot 1 \cdot x \cdot \frac{1}{3!} \cdot 8(x^{-1}) \cdot \frac{1}{4!} (x - \frac{1}{3!} \cdot 8(x^{-1})^2 \cdot \frac{1}{4!} (x - \frac{1}{3!} \cdot 8(x^{-1})^4 \cdot 8(x - \frac{1}{3!} \cdot 8(x^{-1})^4) \cdot \frac{1}{4!} (x - \frac{1}{3!} \cdot 8(x^{-1})^4 \cdot 8(x - \frac{1}{3!} \cdot 8(x^{-1})^4) \cdot \frac{1}{4!} (x - \frac{1}{3!} \cdot 8(x^{-1})^4 \cdot 8(x - \frac{1}{3!} \cdot 8(x^{-1})^4))
    2) (x): (1-2x2)e-x2
                                                                        \left(4-2\,\chi^{\frac{1}{2}}\right)\left(4-\chi^{\frac{1}{2}}+\frac{\chi^{\frac{1}{2}}}{2}-\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{4}+D(\chi^{\frac{1}{2}})\right)\geq -4-\chi^{\frac{1}{2}}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}{2}+\frac{\chi^{\frac{1}{2}}}
    3) ((x)= x3. x2. x-1
                                                                                                                                                                                                                                                                                                                                                                                       4) (x)= x3+x2-x-1 + 1(x)=?
                                                                   T_{\epsilon}^{0}(x) = -1 - x + x^{2} \rightarrow \underline{x}^{1} \cdot \begin{bmatrix} 1 - x - 1 \end{bmatrix}
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(x): (x-1)(x+1)2 (x) 4(x-1) => (6): 6x-4+0(x-1): T(6)

(x) = (x-1)(x+1)2 | (x+1)2 => (x+1)2 => (x+1)2 + D(x+0)

5) (x)= x3+x2-x-1 T1(x)=?

T(1) - 1 (1) - 1 - x - x - x - x - T(4)

1) him lu (113x) - 3 min(xxx) . him 25 - 2x2 + 3x2 - 0(2) - x5 - 3x2 + 060) . him 2x3 - 0(2) = 15

 $(4+1)^4 = 4+a1 + \frac{4(a+1)}{4} + b(1) = 4 + \frac{1}{3} \left(\frac{2}{3} + \frac{1}{15}\right) + \frac{4(\frac{1}{3} + \frac{1}{3})}{2} \left(\frac{2}{3} + \frac{1}{15}\right)^2 + b\left(\left(\frac{2}{3} + \frac{1}{3}\right)^2\right) = 4 + \frac{1}{3} +$

HONEWORK [1+ 1+ 1+ 1+ 1 (1)]

Jan (41.5x): 5x - 9x + 25x + 8(x2)

(1+x) = 1+ 1 x - 1 x2 + 0 (x2)

lim (1x2-2x2 overlam(x)-2x)