13/5 70 CM

(2)(x=0)f(0)=0u1=0 $\lim_{X\to 0^{-0}} \ln \ln(1-x) = \lim_{X\to 0^{-1}} 1=0$ 13-4x-3 lim 13-4x-3 x-)0+0 1-1x $=\sqrt{13}-37$ =) f#C(0); 0 is a jup. / type?

seand kind 1

(V13-4X+3) 4(1×X)(1+VX) (V+3)(DX)

 $\sqrt{3} \times 1 = 0 \times 20$ 6) toujeut him h x=17 a) Bolsono Huorem? $f(x):=\frac{U}{3}x+\frac{1}{2}$ 7 (m) = cos m + 1 = -1+ = -1+ = 0 3 ICCCIT no Hunt

=) f(1)=0 V C [II II] and 1 IT IT is compact

$$J = -1 + \frac{1}{4} + \left(-\frac{1}{4}\right)(x - 4)$$

$$Y = -\frac{1}{4}x \times -1 + \frac{1}{4} + \frac{1}{4}$$

$$Q = -\frac{1}{4}x \times + \frac{2}{4} - 1$$

$$f(T) = 3 \times \pi T \left(-\sin T\right) - \frac{1}{4} = -\frac{1}{4}x$$

Dlim (as2x) Faux ×-70 STEPZ

= lim lu(us 2x) +aux = e expec (where)

lim lu(ws2x)

+ aux 1 Liu (lu(m2x)) STEP3X-70 (tanx)

- (-siu2) = lim (P1 (w 2x) = = ONE

$$f(x) = \sqrt{2x+1} \quad (x) - \frac{1}{2}$$

$$T_{2}(x) = \frac{2}{2}$$

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

$$(x) = \frac{1}{4}$$

$$(x) = \frac{$$

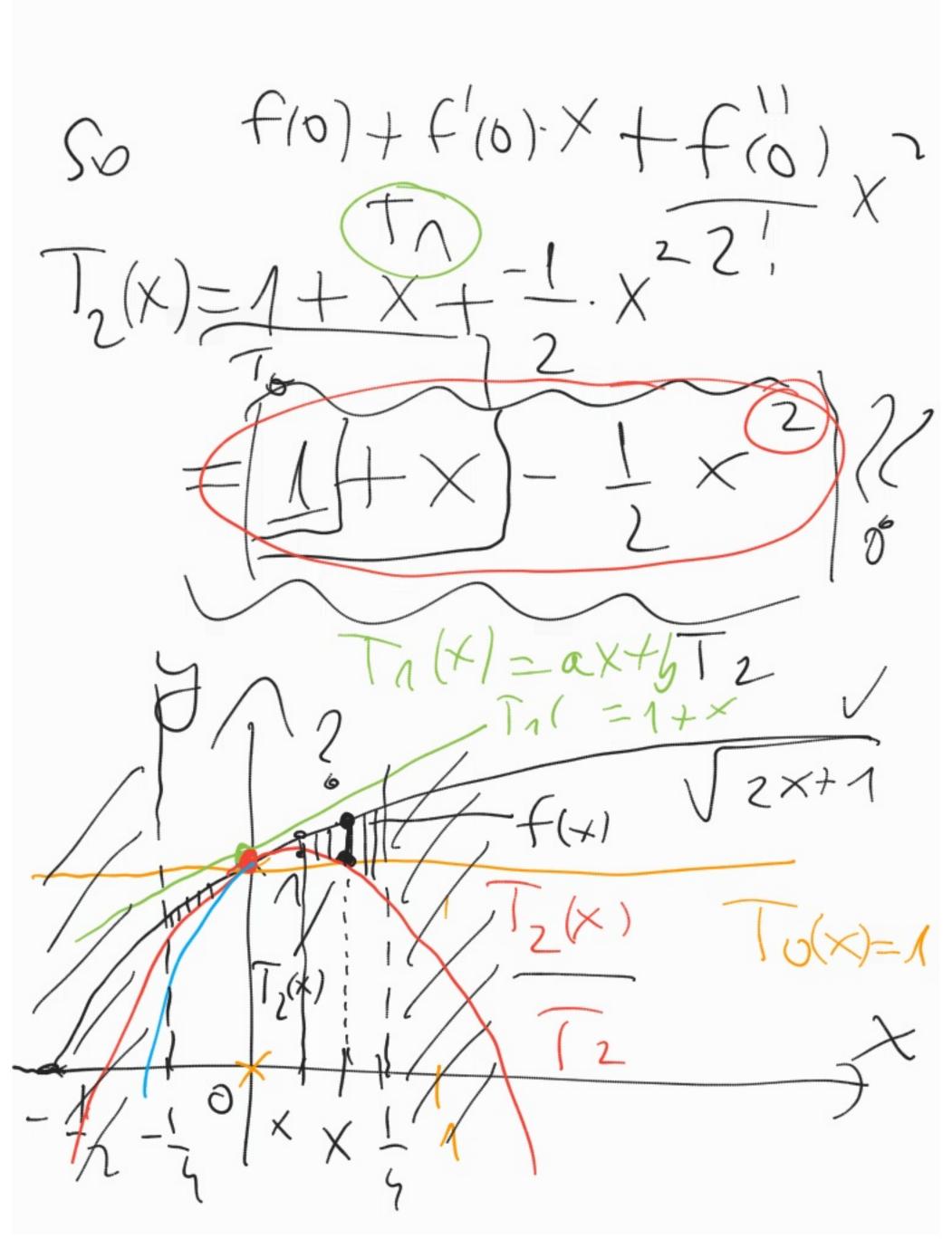
$$f(x) = -\frac{1}{2} \cdot (2x+1) \cdot 2 = -\frac{3}{2}$$

$$= -\frac{3}{2} \cdot (2x+1)$$

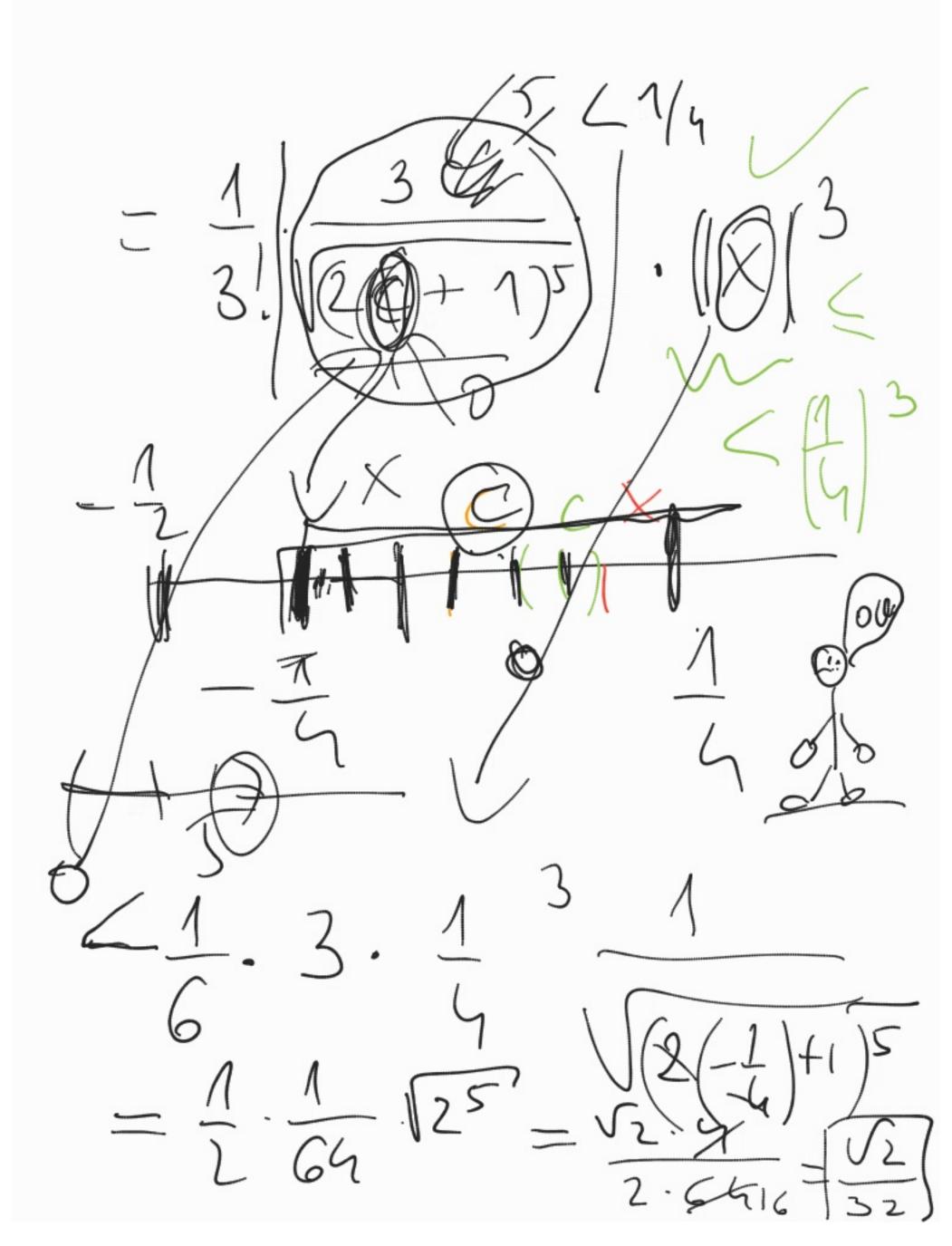
$$= -\frac{3}{2} \cdot (2x+1) \cdot 2 = -\frac{3}{2} \cdot (2x+1)$$

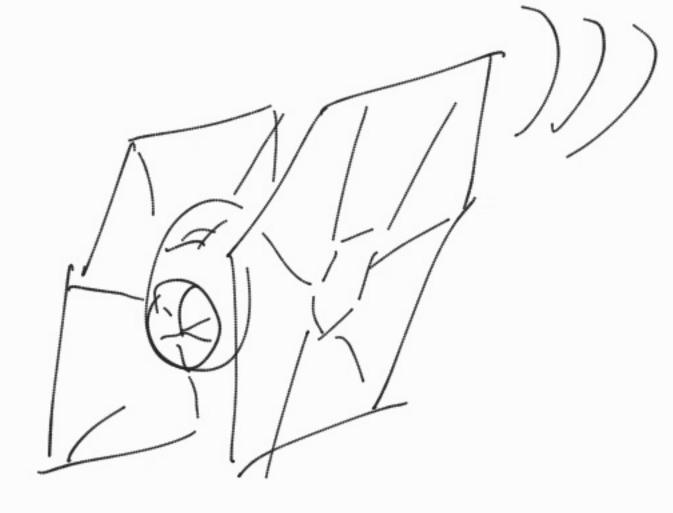
$$= -\frac{3}{2} \cdot (2x+1) \cdot 2 = -\frac{3}{2} \cdot (2x+1)$$

$$= -\frac{3}{2} \cdot (2x+1) \cdot 2 = -\frac{3}{2} \cdot (2x$$



 $[f(x) - T_2(x)] = |f(c) \cdot X^3|$ $(\alpha=0)$ $\frac{1}{1}$





 $e^{(x-4)} = 0 = x = 4$ $e^{(x-4)} > 0 = x = 4$ < 0 (=) X < 4 1 Table YXER STEP3. fand sign $f(x) = (e^x \cdot (x - 4)) =$ = ex. (x-4)+ex. 1 -ex (x-3) (XER)

$$=0 (=) \times = 3$$

$$e^{X}(x-3) > 0 (=) \times > 3$$

$$e^{X$$

= (| = lim - / -x Cohver

STEP point global runox