torsdag 25 januari 2024

$$f(x) = |x|$$



$$+<0$$
, $+(x)=0$

$$+0(+) = {+, +>0}$$

$$-+0(-+)=\begin{cases}0,+>0\\-+,+<0\end{cases}$$

$$+>0 \Rightarrow +0(+)-+0(-+)=++0$$

$$f(x) = x0(x) - x0(-x)$$
has inga spring

$$\frac{d}{dx}x = 1$$

$$f'(x) = 0(x) - 0(-x) = S.14$$

$$= 0(x) - (1 - 0(x)) =$$

$$20(x)-1=\begin{cases} 1,+>c\\ -1,+<0 \end{cases}$$

har sprong x=0

$$\chi = 0 \Rightarrow 1 - (-1) = 2$$

$$\frac{1}{2} = 0$$

$$\xi^{\mu}(x) = 2 \delta(x)$$

$$S_{1}$$
. $E'(x) = 20(x) - 1$
 $E''(x) = 25(x)$