f(x) = f(x) - f(x-h) 2. | f(x) h + ::

 $S(x-h) = S(x) + S'(x)(x-h-x) + S'(x)(x-h-x) + \cdots$ - (大 - 人 - 大) + ···

X 1 X15

$$f''(x) = \frac{2!}{3!} \left[f(x+h) - f(x) - h(f(x) - f(x) - f(x) + \frac{1}{2!} \left[f(x+h) - f(x) - f(x) + \frac{1}{2!} \right] \right]$$

$$= \frac{2!}{\sqrt{2}} \left[\frac{1}{2} \left(\frac{1}{2} (x + h) - \frac{1}{2} (x) + \frac{1}{2} (x + h) - \frac{1}{2} (x) + \frac{1}{2} (x + h) + \dots \right] + \dots$$

$$= \frac{2!}{\sqrt{2}} \left[\frac{1}{2} (x + h) - \frac{1}{2} (x) + \frac{1}{2} (x + h) + \frac{1}{2} (x + h) + \dots \right] + \dots$$

$$= \frac{2!}{\sqrt{2}} \left[\frac{1}{2} (x + h) - \frac{1}{2} (x + h) - \frac{1}{2} (x + h) + \frac{1}{2} (x + h) + \dots \right] + \dots$$

S''(x) \3 \ S(4) (x) \4 \ S(x) \4 \ \...

+ 2/ × /2 +

5"(X) +

$$\xi''(x) = 2D_{+}D_{-}\xi(x) + 2\left[-\frac{\xi''(x)}{2!} - 2\frac{\xi''(x)}{4!} + ...\right]$$

$$D_{+} D_{-} \int_{-\infty}^{\infty} f(x) + \frac{1}{2} \int_{-$$