Girni Sun

$$||x|_{\text{til}}^{4}||_{\text{br}}^{2}||x_{\text{c}} - \mu \text{ spenc}| - x^{4}||^{2}$$

$$= ||x_{\text{c}} - x^{4}||^{2} - 2\mu \langle \text{ptac} \rangle, x_{\text{c}} - x^{4} > + \mu^{2}|| \text{ spen}||_{L_{2}}^{2}$$

ding to so ling & locality -> 0

for example X-1 = \$

tco-potens = fcos-p (1-42) los fcos lles

fc xx+1) & fcxx) - pc1-12, 11 > fcxx1 112

tc xx+1) & fcxx) - pc1-12, 11 > fcxx1 112

 $||z+cos||_{L_{2}}^{2} \ge xc+cos - fcx*)\rangle$   $\Rightarrow +cx+() \le +cx+() - \mu(1-\frac{h^{2}}{2}) \times (-fcx+() - +cx*())$ 

fcxx1)- tcxx) < fcxx)- fcxx) - pc1-1/2) x [ tcxx)-fcx)

t(xm)-tcx, E (1- h(1-12)8) (text-tcx)

1=111 > 1-15 5 1

: foxxx1) - fox) & ((- = px) (foxx) - fox\*)