opea Sudar

esserviture 3

(faluxix for: [0,00) -12

[0,1] ;[4,00)

4m(20) = mxe2+5

· lin forte) = lin me2+5 = 22 = 20

4: (0,00) +ik, fm 3+

· an = sup |fu(se) -f(se)| = sup |msets - se|=

= Sup | nx2+5 - nx2-52 | sup | 5-52= |
Refait | nx+5 |

fre gm: [goo) +iR, gulter = 5-52 mx+5

gm (se) = -5 (mse+5)-(5-52e) m -

2 -5mx +25 -5mt 5mx = (mx+5) 2

= -25-5m (mx+5)2

nois =>  $g_m(x)$  =0 => function  $g_m$  extendesorescontoxine =>  $p_{\alpha}(x)$  exp  $g_m(x)$  =  $g_m(x)$  =  $g_m(x)$  =  $g_m(x)$  = 1,

deci for my converge uniform ea f

$$pe(h; \omega) = heh; \omega)$$
  $gn = g(h) = \frac{5-5.4}{n.4+5} = \frac{-15}{nn+5}$   $\lim_{n \to \infty} \int_{0}^{\infty} fn = \frac{-15}{nn+5}$