Tarob Malen USO-40715-18 $L(u) = \frac{\int_{u}^{u}}{\int_{x^{2}}^{u}} + \frac{\int_{u}^{2}}{\int_{u}^{2}}$ [pohume y crobue u(x,o)= u(x,e) = u(o,y = u(1,y)=0 harisen codet. 3 parents. La Moberus gre gymynn. U= Sin (hkx) sidhmy) $L(u) = \frac{d^2}{dx^2} \left(\sin(hux) \sin(huny) \right) + \frac{d^2}{dy^2} \left(\sin(hux) \sin(huny) \right) =$ = Sin(hmy) di/Sin/hwx) + Sin (hhx) di/Sin/h my) = = Sin/hmy) (-nik's in(hkx)+sin(akx)(-nimesin(nuty))= =-h(le2+m2) sin(hmx) sin(hmy = -h/k+m/a creg-ho - nº/k²+m²) -coocil. sucreace , a 4=sin(nux) sin/hmg)-coocsb. beriop hogetobum garnyis agent opyrhyum & guapethym Mogent Wi+1,5 + Ui+1,5 + Ui,5-1 + Ui,g+1 - 44i,5 = sin(nk(x-h)). Sin(nmy) + sin(hk/x+h) sin(hmy) + sin(nkx) sin(hm/y-h))+ +sin(nkx) sin(nm (y+h)) - y sin(nkx) sin(nmy) = = sin (nhx)cofhkh) - cof nhx)sin(nh) sin(nmy)+ + Sin(hkx) cos(hkh) + cos(hkx) sin(hkx) sin(hkh) sin(hmy) + Sin (hkx)(sin(hmy)cos(hmh)-cos(hmy)sin(hmh)))+

+ Sin (hlex) (sin (hmy) cos(Amb) + cos(mmy) sin (hmb) -- Usin(hkx) sin(hmy) = sin (nkx) cos(hkn) sin(hmy) -- cos (nkx) sin (hkh) sin (hmy) + sin (hkx) cos (hkh). ·Sin (nmy) + cosinkx) Sin(Nkh) sin (Amy) + sim (Nkx) sin (Mmy) -· Cos (Mmh) - sin (hkx) cos (Mmy) sin (hmh) + sin (Nkx) sin / Mmy). · cos(Pmh) + sin/hkx) cos(Pmy) sin/Pmh) - 4 sin/ Phx). "Sin(mny) = 2 cos(nkh) sin(nky sin(nky) + 2 cos(nmh). · Sin (nkx) sin (Mmy) -4 sin (nkx) sin (Mmy) = = (2 cos(hkh) + 2 cos(Nmh) - 4) sin(Nux) sin(Nmy) Pyrheyre el-co cod colenhoù a gre gacupet. Oryatopa. Probenum pobencio coòcio, gnarenna (c yremma gerenno) 2 cos(nkh) +2 cos(nmh)-4 = 2 (cos(nkh)-1) + cos(nmh)-1) payrounum l' peg Teuropa. 27 $2\left(\frac{1-\frac{(hkh)}{2}-1}{h^2}+\frac{1-\frac{(hmh)^2}{2}}{h^2}\right)$

Thu h > 0, colored 3harenus gucapathoro u

hapepelaro oreposopol cobhajaro.

Harizen colored shorenus - na pry to.

$$a = F - D^{-1}A$$
; $h_i = 1 - ud_i$.

 $M_{k,m} = 1 - \frac{1}{4} \left(2cos(hk) + 2cos(hm) - y \right) = 1 - \frac{1}{2} \left(cos(hk) \right)$
 $p_{ij} k_{ij} k_{ij} j_{ij} j$