problem solved by poisson.py
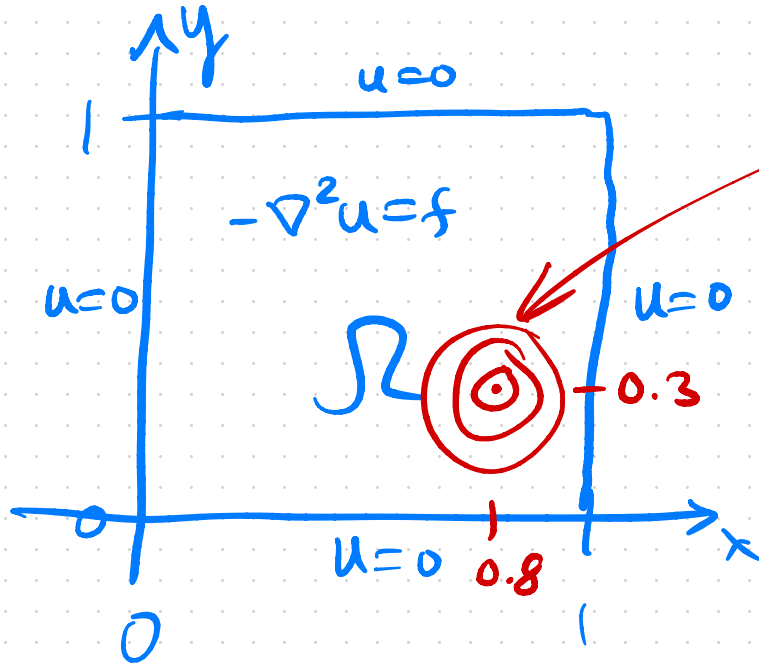

$-\nabla^2 u = f$

Boundary conditions: $u=0$ on all sides of the unit square.

heat source (charge distribution?)

$$f(x,y) = e^{-10 \cdot d^2}$$

$$d = \sqrt{(x-0.8)^2 + (y-0.3)^2}$$