## STEFFEN HAUG

## Numerical Methods

Assignment 1 MA2501

## Problem 2

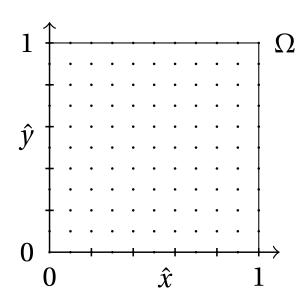


Figure 1: Discretization of  $\Omega$ .

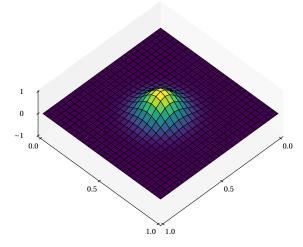


Figure 2: f(x, y) for values in  $\Omega$ .