

# Notes

December 25, 2016

## 1 Introduction

$dx = dy = 0.01$ ,  $dt = 0.005$ ,  $T = 1$ .  $r = 0.1$ ,  $c = 50$ ,  $D = 0.001$ ,  $\rho = 10^{-12}$  and  $\gamma = 0.75$ .









