

## Numerical Methods for PDE The Result of Homework 2

- When  $N=20$  and  $n\tau=0.2$ , the maximum error is 0.005082.  
When  $N=200$  and  $n\tau=0.2$ , the maximum error is 0.000050.

To run the source code, please compile it with `-lm` command and then use  $N$  as the command line argument.