

Numerical Methods for PDE The Result of Homework 1

- The coefficients a through e in (3) are as following:

The coefficient a is -0.0833 .

The coefficient b is 1.333 .

The coefficient c is -2.500.

The coefficient d is 1.333.

The coefficient e is -0.0833.

- The value r in (3) is 4.

To run the source code, please use following parameters as command line argument: the derivatives of order (i.e. m in (1).), and the stencil size (i.e. p and q .).