Deadline: June, 27

http://polaris.s.kanazawa-u.ac.jp/~kareru/lectures.html

Problems

Problem 8.1. (2 points)

Find the form of stiffness matrix corresponding to the finite-element approximation of the following problem:

$$-4u''(x) + 2u = x,$$
 $x \in (0,1)$
 $u(0) = u(1) = 0$