

Programming assignment #1. (Due Feb. 9)

Use the mesh generator on calclab1

`/u/fac/guermond/MAILLEUR/Code/maill.exe`

to produce a mesh of a connected domain that more or less resemble the logo of Texas A&M, that is, a domain combining the three capital letters ATM glued together in a way of your choice. The mesh must be composed of triangles.

The user's manual of the mesh generator is in

`/u/fac/guermond/MAILLEUR/Code/Readme/readme.pdf`

The domain in question must have a width equal to 1 and a height equal to 1.5. The mean diameter of the triangles must be 0.02.

Redo the same thing by refining the mesh on the top part of the letter *T*. In this vicinity of the mid-part of the top of the letter T, the diameter of the triangles must 0.01.

Write a report of what you have done using L^AT_EX. Include in your reports figures of the domain you have meshed.