C++ Template for Dimension-Independent Laplace Solver

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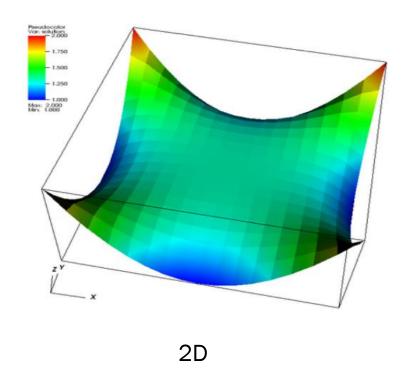
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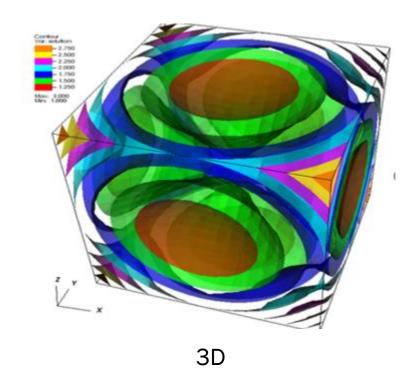
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Abstract

Laplace Solver(C++ Template):

- Compile independent program for 2D or 3D
- ❖ How to write code for different dimension.
- Step-4(different from Step-3)
- Explanation of code
- Change the code

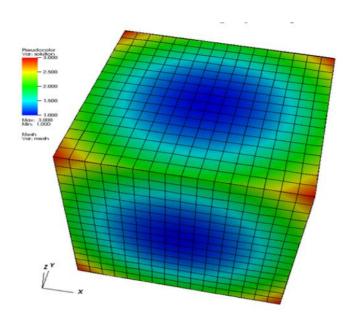




Introduction

Laplace Solver(C++ Template):

- Compile independent program for 2D or 3D(for 1 written code).
- Step-4(exactly same)
- Use of Template in Code



Reference

Wolfgang Bangerth's video lectures (colostate.edu)

Explanation of Code

☐ Dim Dimension template(not triangulation)

Thank You