

XX description document

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1 Part I of the Project

Introduction to Part I of the Project ...

1.1 Problem XX

♠ Consider the model equation

$$\begin{cases} -\nabla \cdot (a(u)\nabla u) = f, & \text{in } \Omega, \\ u = 0, & \text{on } \partial\Omega. \end{cases} \quad (1.1)$$

- `FDM_Possion.m` Finite difference method for solving Possion equation.
- `FEM_Possion.m` Finite element method for solving Possion equation.

2 Part II of the Project

Introduction to Part II of the Project ...

1. Point one
2. Point two
3. Point three