

**Chapter 10.03**  
**Elliptic Partial Differential Equations**

**PRE-REQUISITES**

1. Introduction to Partial Differential Equations ([Intro to Partial Differential Equations](#))
2. Quadratic Equations ([Textbook Chapter of Quadratic Nonlinear Equations](#))
3. Simultaneous Linear Equations ([Textbook Chapter of Simultaneous Linear Equations](#))
4. Solving Simultaneous Linear Equations ([Gaussian Elimination](#), [Gauss-Siedel Method](#), [LU Decomposition](#))