MODULE VIII

NUMERICAL GRID GENERATION: ASSIGNMENT

VII.1   Differentiate between structured, block-structured and unstructured grids.

VII.2   Which type of grid would be most suitable for a simple rectangular geometry? Which type of grid would be easier to generate for a complex geometry?

VII.3   Outline the grid generation process for a complex geometry.

VII.4   Which are the most popular structured grid generation techniques? What is the role of algebraic methods and PDE based grid generation methods in structured mesh generation process?

VII.5   Which are the most popular un-structured grid generation techniques?