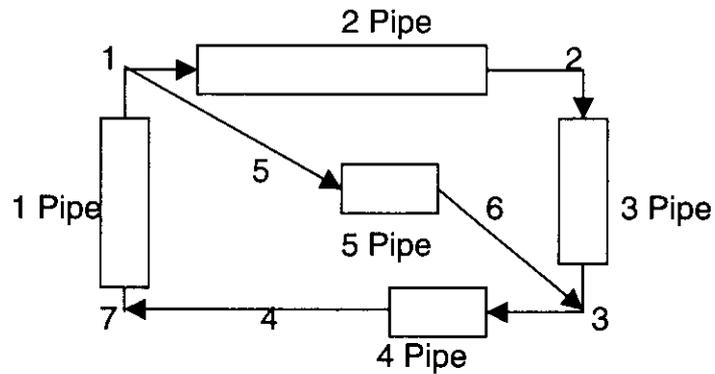


McMaster Nuclear Technology Diploma
Course EP704
Thermalhydraulics Analysis

Test 2

1. Explain the difference between the iterative and the rate method of developing the equation of state. Develop and explain the dP/dt term for the two approaches and explain the differences.
2. For the loop below:



- Build the explicit and fully implicit network simulation matrix equations.
- Choose the most logical sequence of nodes and links.
- Show the structure of all system matrices, and explain their role.