

Department of Mathematics and Computer Science South Dakota School of Mines and Technology

Math 373

12_Explicit_PDQ

1. Solve a 1D USS HT problem on a spreadsheet using Saul'yev and DuFort-Frankel Methods. Assume fixed BC's and a uniform IC.
2. Write a MACRO-based solution by the Crank-Nicolson Method for a 1D USS HC problem of your choice.