

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF UTAH

PDEs for Engineering Students

MATH 3150 – Section 002 – Spring 2021

Homework 1

The heat equation and equilibrium

Due Due 11:59pm MT, February 2, 2021

Text: *Applied Partial Differential Equations*, Richard Haberman, 5th edition,

Section 1.2: # 1, 2, 4, 6

Section 1.3: # 1, 2

Section 1.4: # 1 (a-e), 5, 7 (a-c)

Submit your homework assignment by scanning and uploading your solutions to Canvas.

If you believe you will have trouble scanning documents and uploading to Canvas, contact me immediately! Do not wait until the deadline to raise this issue!