

Readings and Discussion Questions

Tuesday October 3

Read Chapters: 4.2

Discussion Questions

1. Do the methods of this section find solutions of the heat and wave equation that are new?
2. What is the meaning of the phrase “the velocity of the solution depends on its height”? What is the velocity and what is the height?
3. How do the solutions to the porous medium equation in Section 4.2 relate to the solutions in Section 4.1