

Readings and Discussion Questions

Tuesday September 26

Read Chapters: 2.4.2, 2.4.3

Discussion Questions

1. To solve the nonhomogeneous problem (39) at (x_0, t_0) , in what region in space-time do you need to know the values of f ?
2. If you strike a drum with a stick at a point on the drumhead at a time t , how long do you have to wait before the entire drumhead is involved in the vibration?
3. In what sense is the proof of Theorem 5 a “conservation of energy” argument?