



PARTIAL DIFFERENTIAL EQUATIONS
SPRING 2015

ASSIGNMENT 13.1
DUE APRIL 23

Exercise 1. Textbook exercise 4.2.3. Submit a Maple animation of the motion of the membrane over the time interval $0 \leq t \leq 5$, with at least 50 frames.

Exercise 2. Textbook exercise 4.2.7. No plots or animations necessary.

Exercise 3. Textbook exercise 4.3.1. No plots or animations necessary.

Exercise 4. Textbook exercise 4.3.3. Submit a Maple animation of the motion of the membrane over the time interval $0 \leq t \leq 5$, with at least 50 frames.