Homework Assignment # 6


For problem 8, show also that, for each fixed $x$, $S(x, t) \to 0$ as $t \to \infty$. Given $x$, at what time does the temperature $S(x, t)$ reach its maximum? What is the maximum?

Due: Tuesday, November 30


Second Midterm: Thursday, December 2

Will cover sections 2.3, 2.4, 2.5, 4.1, 4.2, 12.3, 12.4

You will be allowed to use one 8” × 11” sheet of notes.