Math 319 - Differential Equations II
Pre-Reading Assignment # 8
due 10am Thu Oct 9th, via email

Reading Example 3 in section 10.5 (pages 604-605).

Question One math question and one "asking your opinion" question.

1. Let $P(x) = x$ and $f(x) = x(1 - x^2)/(6\beta)$. Also set $U_1 = 0$, $U_2 = 2$, and $L = 1$. Find $u(x, t)$.

2. I'd like to know how much learning occurred during the group part of the midterm. The whole point of the exercise is so that you work together to figure out how to do the problems, and that everyone leaves the room having learned from the group experience. I don't really know what is going on in the groups, and so I'd appreciate it if you could give me some feedback. I have the following specific questions:

   (a) Were you mainly a teacher or a learner during the group exercise?

   (b) Do you feel that you learned something from your group? How much?

   (c) Any other comments?