Assignment #13, due Monday, December 9, 2002:

Reading:
Volume II, Sections 8.16–8.21

Problems:
Volume II:
8.17: 4, 8, 9
8.22: 2*, 14ac**, 15ac**
   *Hint: $F(x, y) = f\left(\frac{x-y}{2}, \frac{x+y}{2}\right)$, \(\partial f/\partial u = D_1 f\), \(\partial f/\partial v = D_2 f\).
   **Use the chain rule for $h = f \circ g$ to do part (c).
8.24: 4, 6

Salas, Hille, Etgen, 15.3: 54, 56, 57

The final exam will be on Wednesday, December 18, 2:00-5:00 pm, in Krieger 304.