

# Partial Differential Equations

## Homework 4

due March 25, 2014

1. Solve Evans, p. 345, Problem 3, by direct computation.
2. Solve Evans, p. 345, Problem 3, by referring to the solvability condition arising through the Fredholm alternative.
3. Evans, p. 345, Problem 4.
4. Evans, p. 346, Problem 5.
5. Evans, p. 346, Problem 7.