$Math\ 135,\ HW\ 3$

Due Wednesday, January 28th

- 1. Section 49, Problem 1 (Hint: The change of variable from cartesian to polar coordinates is $dxdy=rdrd\theta)$
- 2. Section 51, Problem 3
- $3. \ \, {\bf Section} \,\, 51, \, {\bf Problem} \,\, 5$
- 4. Section 51, Problem 8