

## Math 40760, Fall 2009 Homework

### Week 12

Reread §§3-5B, 4-2. Read §§4-3, 4-4 or the handout on this material (or both, for two ways of doing it).

### Assignment 11, due Friday, November 20

§3-5 #12,13 In #13 b, recall that (§2-2 #16)

$$\mathbf{x}(u, v) = \left( \frac{4u}{u^2 + v^2 + 4}, \frac{4v}{u^2 + v^2 + 4}, \frac{2(u^2 + v^2)}{u^2 + v^2 + 4} \right)$$

§4-2 #9,10,11,12,16 if we get far enough by Wednesday

§4-3 #3,7,9 if we get far enough by Wednesday