Assignment 9 – The only part – Math 412

Due: Thursday, Nov. 3, 2016, at the beginning of class

Textbook exercises:[1]

Section 4.4: 16 (WI)

Section 4.5: (1a), (1b), 4

Other exercises:

(1) List all irreducible polynomials in $(\mathbf{Z}/3\mathbf{Z})[x]$ of degree ≤ 3.

[1]From Hungerford's *Abstract algebra, An introduction, Third edition*