

MATH447/747 ASSIGNMENT 5

FALL 2012

The following questions are optional questions. They do not need to be handed in and will not be graded if they are handed in

- Vanstone and van Oorschot section 4.4 # 11.
- Vanstone and van Oorschot section 5.10 # 1, 7

The following questions are to be handed in. They are due **Friday October 26** in class.

- (1) Vanstone and van Oorschot section 4.4 # 13, 18. You should assume the codes in both questions are linear.
- (2) Vanstone and van Oorschot section 4.4 # 15
- (3) Vanstone and van Oorschot section 5.10 # 6, 8. Note that $V_n(\mathbb{Z}_p)$ is the book's notation for the vector space \mathbb{Z}_p^n .