

Homework 2

If you do not have the textbook, use the following link to download it

<https://hatimalsuwat.github.io/cryptography/textbook1.pdf>

Do textbook problems:

- Problem 4.6 (Page 142)
- Problem 4.7 (Page 142)
- Problem 4.13 (Page 143)
- Problem 4.15 (Page 143)
- Problem 4.19 (Page 144)
- Determine the multiplicative inverse of $x^3 + 1$ in $\text{GF}(2^4)$
- Determine the multiplicative inverse of $x^3 + x + 1$ in $\text{GF}(2^4)$