CE100 Algorithms and Programming II

Symmetric and Asymmetric Encryption

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Contents

List of Figures

List of Tables

0.1 CE100 Algorithms and Programming II

0.2 Week-13 (Symmetric and Asymmetric Encryption)

0.2.0.1 Spring Semester, 2021-2022 Download DOC[1], SLIDE[2], PPTX[3]

0.3 Symmetric and Asymmetric Encryption

0.4 Outline

- Symmetric Encryption Algorithms
- AES
- https://formaestudio.com/portfolio/aes-animation/
- DES
- http://desalgorithm.yolasite.com/
- TDES
- https://en.wikipedia.org/wiki/Triple_DES

- Symmetric Encryption Modes
- https://en.wikipedia.org/wiki/Block_cipher_mode_of_operation
    - ECB
    - CBC
    - Asymmetric Encryption
    - Key Pairs (Public-Private Key Pairs)
    - Signature Generation and Validation

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[1] ce100-week-13-symenc.tr.md__doc.pdf
[2] ce100-week-13-symenc.tr.md__slide.pdf
[3] ce100-week-13-symenc.tr.md__slide.pptx

0.5   References

TODO