

# Error-correcting Codes Notes (collected)

George McNinch

2024-03-05

## notes

- [\[Overview on linear codes - 2024-02-14\]](#)
- [\[Check matrices; finite projective space; Hamming codes- 2024-02-21\]](#)
- [\[Shannon's Theorem; block codes - 2024-02-22\]](#)
- [\[Bounds for block codes; decoding - 2024-02-26\]](#)
- [\[Dual codes; McWilliams identity - 2024-02-28\]](#)
- [\[Codes from points in projective space - 2024-03-04\]](#)
- [\[Cyclic codes - 2024-03-06\]](#)

## assignments

- [\[Problem set 4\]](#) due 2024-03-01
  - [\[PS05\]](#) due [2024-03-29 Fri]
- 

## Bibliography