

Information Theory

Spring semester, 2025

Assignment 7

Assigned: Wednesday, May 14, 2025

Due: Thursday, May 22, 2025

M. Skoglund

Problem 7.1: MWS 4.11 (p. 103).

Problem 7.2: MWS 4.21 (p. 109).

Problem 7.3: Specify $g(x)$ and $h(x)$ for a cyclic code of length $n = 27$ and dimension $k = 18$ over $\text{GF}(2)$

Problem 7.4: MWS 7.7 (p. 193) and MWS 7.10 (p. 195)

Problem 7.5: MWS 7.36 (p. 213)