

Chapter 1

Digital Transmission

Latihan 1.1 Contoh soal

Solusi *Contoh solusi*

Chapter 2

Analog Transmission

Latihan 2.1 Calculate the baud rate for the given bit rate and type of modulation.

- a. 2000 bps, FSK
- b. 4000 bps, ASK

Solusi We use the formula $S = (1/r) \times N$, but first we need to calculate the value of r for each case.

- a. $r = \log_2 2 = 1 \rightarrow S = (1/1) \times (2000 \text{ bps}) = 2000 \text{ baud}$
- b.

Latihan 2.2 Contoh soal

Solusi Contoh solusi

Chapter 3

Bandwidth Utilization: Multiplexing and Spreading

Latihan 3.1 Contoh soal

Solusi *Contoh solusi*