Problem 4.1: Spectrum of digitally modulated signal (I)
Problem 3.19 in Textbook

Problem 4.2: Spectrum of digitally modulated signal (II)
Problem 3.24 in Textbook

Problem 4.3: Noise at output of correlation receiver
Problem 4.1 in Textbook

Problem 4.4: Binary communication system (I)
Problem 4.4 in Textbook

Problem 4.5: Binary communication system (II)
Problem 4.13 in Textbook

Problem 4.6: Ternary communication system
Problem 4.24 in Textbook