

- 1 Write a MATLAB program to evaluate performance of a 1/2-rated convolutionally encoded DS CDMA system in AWGN channel
- 2 Write a MATLAB program to evaluate performance of a 1/2-rated convolutionally encoded DS CDMA system in AWGN and Rayleigh fading channel
- 3 Write a MATLAB program to evaluate performance of a 1/2-rated convolutionally encoded DS CDMA system in AWGN and Rician fading channel
- 4 Write a MATLAB program to study the performance of a differentially encoded OQPSK based wireless communication system
- 5 Develop a MATLAB source to simulate an Interleaved FEC encoded wireless communication system with implementation of BPSK digital modulation technique. Show at least three waveforms generated at different sections of the simulated system
- 6 Develop a MATLAB source to simulate an Interleaved FEC encoded wireless communication system with implementation of QPSK digital modulation technique. Show at least three waveforms generated at different sections of the simulated system
- 7 Develop a MATLAB source to simulate an Interleaved FEC encoded wireless communication system with implementation of 4-QAM digital modulation technique. Show at least three waveforms generated at different sections of the simulated system
- 8 Develop a MATLAB source to simulate an Interleaved FEC encoded wireless communication system with implementation of 16-QAM digital modulation technique. Show at least three waveforms generated at different sections of the simulated system

