ADVANCED DIGITAL SIGNAL PROCESSING

# QAM

# OFDM

# FEC ENCODING/DECODING

## Channel Coding

## Convolution Encoding

## Convolution Decoding – Viterbi Decoding

# MIMO ENCODING/DECODING

## Spatial Multiplexing

### Zero-Forcing (ZF)

### Minimum Mean Square Error (MMSE)

## Spatial Diversity

### STBC

* Space-time block coding: