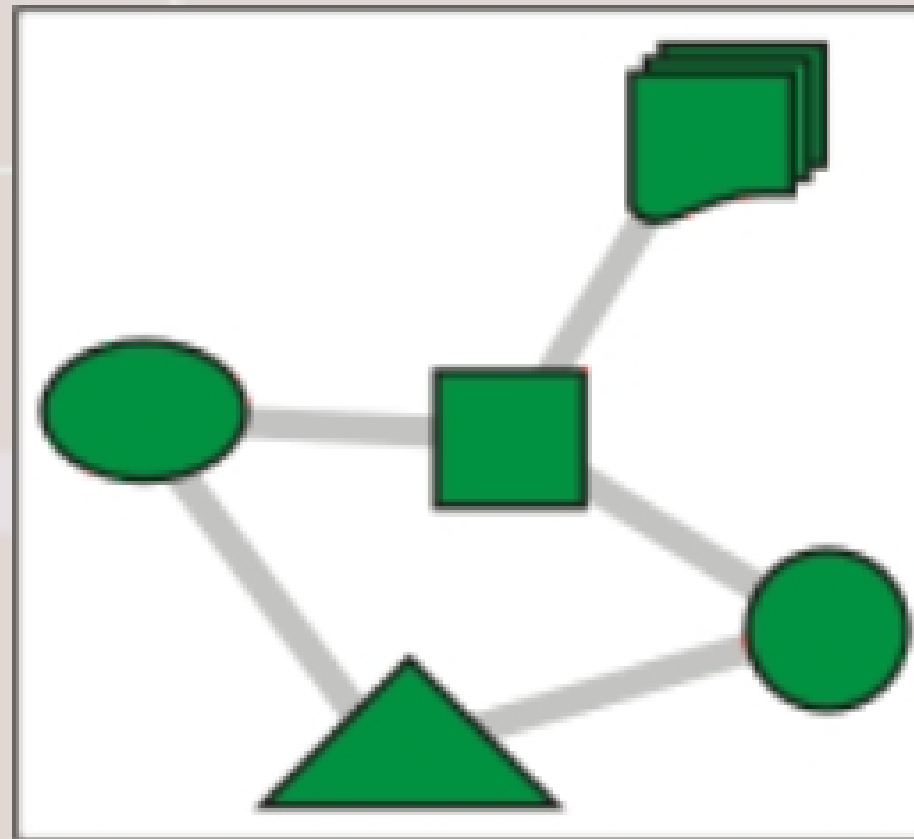
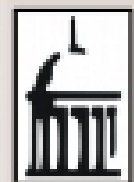


Introduction to Wireless Sensor Networks



Spread Spectrum and CDMA

24 February 2005



Organizational

Class Website

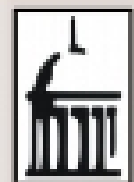
www.engineering.uiowa.edu/~ece195/2005/

Class Time

Monday	4:30-5:20	Room 4511 SC
Thursday	12:30-1:20	Room 3220 SC
Please note that the room numbers are different for Mondays and Thursdays.		

Midterm Exam

Time: March 10, 2005



Modulation Schemes

- **Basic Question**
 - **Why do we modulate at all?**
- **AM – amplitude modulation**
- **FM frequency modulation**
- **OOK – On/Of Keying**
- **PAM, M-PAM...**
- **FSK, PSK, QPSK, OQPSK, M-PSK, MSK, GMSK**

