EE200-03 (062)

Homework # 2

- 1. Find the (r-1)'s complements of the following numbers: $(498530)_{10}$, (A9C.5)₁₆, $(110110)_2$, and $(100000,011)_2$.
- Perform the binary subtraction 110110 11101 using the 2's complement.
- 3. Represent the signed numbers (+75) and (-52) in binary using 8 bits. Then add the two numbers and convert the sum to decimal.
- 4. Represent the decimal number 482.5 using BCD and 2421 codes.
- 5. Represent the message " Home Work 2 is due" in ASCII using the hexadecimal representation.