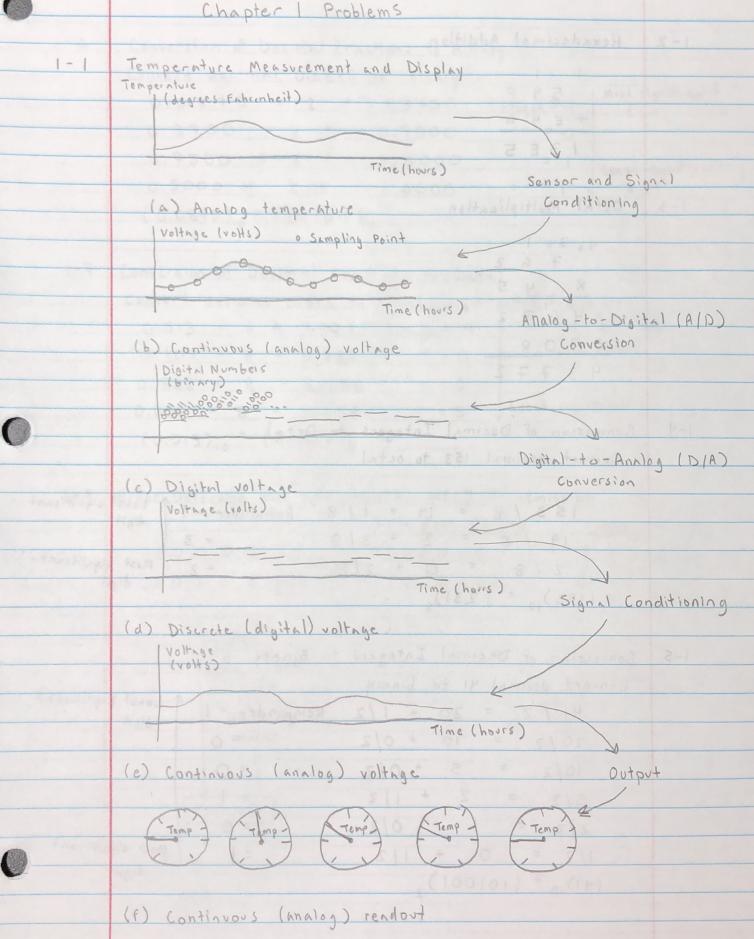
Stewart Dulaney CS 42 Section 4105 SID: 1545566

Chapter | Problems



|             | Security 1  |
|-------------|--|
| 1-2         | Hexadecimal Addition   |
|             | palazie par tagagani ash andanahidat in 1-1  |
|             | 59 F   |
|             | + E 4 6  |
|             | 13E5   |
| 140         | This has some  |
| 1-3         | Octal Multiplication   |
|             | CHAN Septlant  |
|             | 4 3 3 3 1<br>7 6 Z   |
|             | X 4 5  |
| COINTE      |  |
|             | 10123.708 and a Colonal Streathers (1)   |
|             | 43772  |
|             | 20% 200 00 00  |
| 1-4         | Conversion of Decimal Integers to Octal  |
| Principal a | Convert decimal 153 to octal   |
|             | no asserted to the second to t |
|             | 153 / 0 = 19 + 1/8 Consider = 1 1 Least significant  |
|             | 19 /8 = 2 + 3/8 = 3 digit  |
|             | $2/8 = 0 + 2/8 = 2 \mod \operatorname{significant}$  |
|             | (153) <sub>10</sub> = (231) <sub>8</sub>   |
|             | 10 123710 12378  |
| 1-5         | Conversion of Decimal Integers to Binary   |
|             |  |
|             | 41/2 = 20 + 1/2 Remainder = 1 Least significant  |
|             | 20/2 = 10 + 0/2 = 0  |
|             | 10/2 = 5 + 0/2   |
|             | 5/2 = 2 + 1/7 = 1  |
|             | 5/2 = 2 + 1/2 = 1 $2/2 = 1 + 0/2 = 0$ Must significant   |
|             | 1/2 = 0 + 1/2 =   most significant   |
|             | diait  |
|             | (41) = (101001) <sub>2</sub>   |
|             | Transact Colonel Assessment 177  |

