Section 1.7: contid

Thursday, October 08, 2015 10:30 AM

computer representation of sets

consider the following sets

 $A = \{1, 3, 5\}$ $B = \{1, 4, 7, 10\}$ $U = \{1, 2, 3, ..., 10\}$

convert everything to bitstrings (Is and Os)

a 3 4 S 6 7 8 9 10

A 1010100000

B 1 0 0 1 0 0 1

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B 0 11 0 1 1 0 1 1

ĀNBOLOOLOOLO

so AnB = {2,6,8,9}

note: answer most be in set form

consider the sets example: