Section 1.3: contid

Friday, October 02, 2015 10:33 AM

example: consider the sets $A = \{1,3,5\}, B = \{3,4,6\}$
and U= {1, 2, 3, 4, 5, 6,7}
And A = E2, 4, 6, 73
$\overline{A} = \{1, 3, s\} = A$
Ā = Ā
$A \wedge B = \phi = \xi $
$A \cup \overline{A} = \{1, 3, 5\} \cup \{2, 4, 6, 7\} = \overline{U}$ $B \land \overline{B} = \emptyset$
AVU = U ANU = E1,3,53 NE1,2,3,4,5,6,73 = A
$B \cup \phi = \{2, 4, 6\} \cup \{3\} = \{2, 4, 6\}$ $B \land \phi = 0$ $\Lambda^{} = \phi$
AJA = A BAB = B
Note: is it always true that for all sets A, A = J? yes A C J? NO A carld equal J