LS 278 Lab 8

3.4.2 6 The elements of $A \oplus B \oplus C$ are the elements of each set that are not in the other sets. $A \oplus B \oplus C = (A - B) \cup (B - A) - C) \cup (C - (A - B) \cup (B - A))$

The elements in $A, \oplus A_2 \oplus \dots \oplus A_n$ $A, \oplus A_2 = (A_1 - A_2) \cup (A_2 - A_1) = X_1$ $A, \oplus A_2 \oplus A_3 = (X_1 - A_3) \cup (A_3 - X_1) = X_2$ $A, \oplus A_2 \oplus A_3 \oplus A_4 = (X_2 - A_4) \cup (A_4 - X_1) = X_3$ $A, \oplus A_2 \oplus \dots \oplus A_n = (X_{n-2} - A_n) \cup (A_n - X_{n-2})$

3.4.3 @ |A A B | = |AAC|

False

@ BV (= {3,5} False

12EAUC

B {3} E P(E)

SØE A False 3.4.4 © GEH

true

(1) IC-F = 1

true

(1) EANBAC

False

(1) CAF = CAG

true

(3) EUF ER

true

 $\begin{array}{ccc}
(A) & A & A & A & A & A \\
 & & & & & & & \\
(B) & A & & & & & & \\
(C) & A & & & & & & & \\
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