DMath_U1_bf

1.5

a.

Α.	В	•	A 4 D	/A # D) # C
Α	В	С	A \$ B	(A ≰ B) ≰ C
0	0	0	0	0
0	0	1	0	1
0	1	0	1	1
0	1	1	1	0
1	0	0	1	1
1	0	1	1	0
1	1	0	0	0
1	1	1	0	1
Α	В	С	B ≰ C	A ₡ (B ₡ C)
A	B	c	B € C 0	A ú (B ú C)
0	0	0	0	0
0	0	0	0	0
0 0 0	0 0 1	0 1 0	0 1 1	0 1 1
0 0 0	0 0 1 1	0 1 0 1	0 1 1 0	0 1 1 0
0 0 0 0	0 0 1 1 0	0 1 0 1 0	0 1 1 0 0	0 1 1 0

these symbols are cure but not cure but not with consistent with the definition in the definition.

The avestion.

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$$(A \triangleleft B) \triangleleft C \equiv A \triangleleft (B \triangleleft C)$$
 Try to have a complete concluding sentence.

b.

Α	В	¬A	¬В	$\neg A \wedge \neg B$	¬(A ≰ B)
0	0	1	1	1	1
0	1	1	0	0	0

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B ¬A ¬B ¬A	\
0 0 1 0	0
1 0 0 (1	1
$\begin{array}{c cccc} 1 & 0 & 0 & 1 \\ & A & B & A & B \end{array}$	1 1 A

C.

Α	В	С	F	
0	0	0	0	
0	0	1	1	
0	1	0	0	
0	1	1	1	
1	0	0	1	
1	0	1	0	
1	1	0	1	
1	1	1	0	

Α	В	С	A ≰ B	(A ≰ B) ≰ C	(A ≰ B) ≰ ((A ≰ B) ≰ C)	A ₡ (A ₡ B) ₡ ((A ₡ B) ₡ C)
0	0	0	0	0	0	0
0	0	1	0	1	1	1
0	1	0	1	1	0	0
0	1	1	1	0	1	1
1	0	0	1	1	0	1
1	0	1	1	0	1	0
1	1	0	0	0	0	1
1	1	1	0	1	1	0

 $\mathsf{F} \equiv \mathsf{A} \, \, \blacktriangleleft \, \, (\mathsf{A} \, \, \blacktriangleleft \, \, \mathsf{B}) \, \, \blacktriangleleft \, \, ((\mathsf{A} \, \, \blacktriangleleft \, \, \mathsf{B}) \, \, \blacktriangleleft \, \, \mathsf{C})$

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coursely concluding by the western