Set Theory:
Set and Symmetric Difference

kobriendublin.wordpress.com

Twitter: @kobriendublin

Set and Symmetric Difference

Set Difference

The set difference of sets A and B (denoted ***A-B***) are the elements of set A that are not in set B.

Symmetric Difference

The symmetric difference of sets A and B are the elements in either one of those sets, but not in both.

Set and Symmetric Difference

Set Difference

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Set Difference

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Symmetric Difference

Set and Symmetric Difference

A	B	A – B	B - A	A $\oplus$ B
0	0			
0	1			
1	0			
1	1			

Set and Symmetric Difference

A	B	A – B	B - A	A $\oplus$ B
0	0	0	0	0
0	1	0	1	1
1	0	1	0	1
1	1	0	0	0

Set and Symmetric Difference

A	B	A – B	B - A	A $\oplus$ B
0	0	0	0	0
0	1	0	1	1
1	0	1	0	1
1	1	0	0	0