

$f = C1 ? A \wedge B :$

$C\emptyset ? A | B. : A \neq B ;$

$C1$	$C\emptyset$	f
0	0	$A \neq B$
0	1	$A B$
1	0	$A \wedge B$
1	1	$A \wedge B$

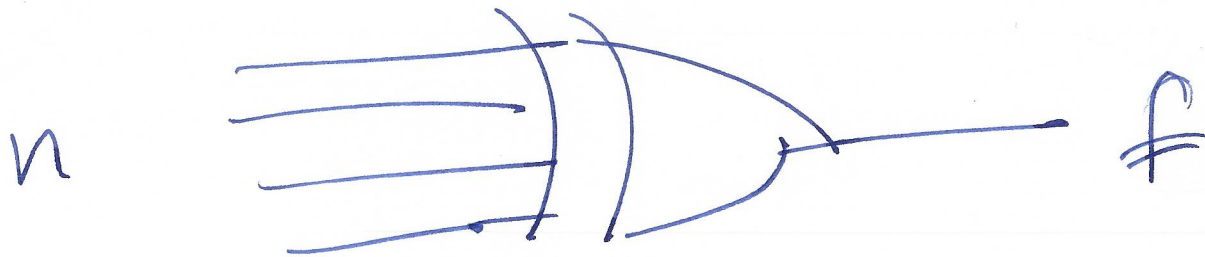
Don't care

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1

What does an XOR of n inputs do?

XOR



$$(x \wedge y \wedge z \wedge \dots)$$

It's an odd function
(As a Boolean function, it must obey laws of commutability and associativity.)