

القوانين

الرشم الكهربائي	جدول الحقيقة	الخصائص	الدوال المنطقية									
	<table border="1"> <tr><td>a</td><td>0</td><td>a.0</td></tr> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> </table>	a	0	a.0	0	0	0	1	0	0	$a.0 = 0$	<p>الدالة ET</p> <p>التركيب الكهربائي على التوالي</p>
a	0	a.0										
0	0	0										
1	0	0										
	<table border="1"> <tr><td>a</td><td>1</td><td>a.1</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </table>	a	1	a.1	0	1	0	1	1	1	$a.1 = a$	
a	1	a.1										
0	1	0										
1	1	1										
	<table border="1"> <tr><td>a</td><td>a</td><td>a.a</td></tr> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </table>	a	a	a.a	0	0	0	1	1	1	$a.a = a$	
a	a	a.a										
0	0	0										
1	1	1										
	<table border="1"> <tr><td>a</td><td>\bar{a}</td><td>$a.\bar{a}$</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> </table>	a	\bar{a}	$a.\bar{a}$	0	1	0	1	0	0	$a.\bar{a} = 0$	
a	\bar{a}	$a.\bar{a}$										
0	1	0										
1	0	0										
	<table border="1"> <tr><td>a</td><td>0</td><td>a + 0</td></tr> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>1</td></tr> </table>	a	0	a + 0	0	0	0	1	0	1	$a + 0 = a$	<p>الدالة OU</p> <p>التركيب الكهربائي على التوازي</p>
a	0	a + 0										
0	0	0										
1	0	1										
	<table border="1"> <tr><td>a</td><td>1</td><td>a + 1</td></tr> <tr><td>0</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </table>	a	1	a + 1	0	1	1	1	1	1	$a + 1 = 1$	
a	1	a + 1										
0	1	1										
1	1	1										
	<table border="1"> <tr><td>a</td><td>a</td><td>a + a</td></tr> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </table>	a	a	a + a	0	0	0	1	1	1	$a + a = a$	
a	a	a + a										
0	0	0										
1	1	1										
	<table border="1"> <tr><td>a</td><td>\bar{a}</td><td>$a + \bar{a}$</td></tr> <tr><td>0</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>0</td><td>1</td></tr> </table>	a	\bar{a}	$a + \bar{a}$	0	1	1	1	0	1	$a + \bar{a} = 1$	
a	\bar{a}	$a + \bar{a}$										
0	1	1										
1	0	1										