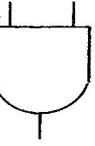
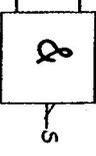
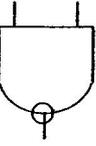


Les fonctions logiques

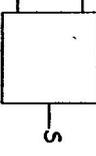
Fonction ET

Symbole électrique	On écrit	Table de vérité															
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a	b	S															
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0	1	0															
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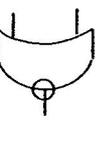
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Symbole électrique	On écrit	Table de vérité															
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a	b	S															
0	0	1															
0	1	1															
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Fonction OU

Symbole électrique	On écrit	Table de vérité															
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Fonction OU-NON

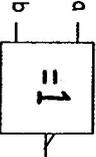
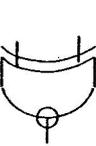
Symbole électrique	On écrit	Table de vérité															
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Europe</p> </div> <div style="text-align: center;">  <p>US</p> </div> </div>	$S = \overline{a + b}$	<table border="1" style="margin: auto;"> <thead> <tr> <th>a</th> <th>b</th> <th>S</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>1</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>0</td></tr> </tbody> </table>	a	b	S	0	0	1	0	1	0	1	0	0	1	1	0
a	b	S															
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Les fonctions logiques

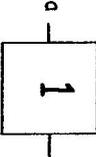
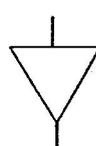
Fonction OU-EX

Symbole électrique	On écrit	Table de vérité															
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a	b	S															
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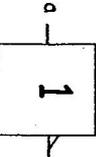
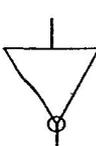
Fonction OU-NON-EX

Symbole électrique	On écrit	Table de vérité															
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Europe</p> </div> <div style="text-align: center;">  <p>US</p> </div> </div>	$S = \overline{a \oplus b}$	<table border="1" style="margin: auto;"> <thead> <tr> <th>a</th> <th>b</th> <th>S</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>1</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </tbody> </table>	a	b	S	0	0	1	0	1	0	1	0	0	1	1	1
a	b	S															
0	0	1															
0	1	0															
1	0	0															
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Fonction OUI

Symbole électrique	On écrit	Table de vérité						
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a	S							
0	0							
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Fonction NON

Symbole électrique	On écrit	Table de vérité						
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a	S							
0	1							
1	0							