

CENTEC

INSTITUTO CENTRO DE ENSINO TECNOLÓGICO

Apresentação da disciplina
Eletrônica Digital
Tecnologia em Manutenção Industrial

$0+0$	0
$0+1$	1
$1+0$	1
$1+1$	0; Vai 1

$$\begin{array}{r} \\ 1 \ 1 \ 1 \ 0 \ 0 \\ + 1 \ 1 \ 0 \ 1 \ 0 \\ \hline 1 \ 1 \ 0 \ 1 \ 1 \ 0 \end{array}$$

1. $11001 + 1011$

2. $1111 + 1001$

3. $11100 + 1010$

4. $11,011 + 10,11$

0-0	0
0-1	1; Empréstimo de 1
1-0	1
1-1	0

$$\begin{array}{r} 11\overset{-1}{1}00 \\ - 11010 \\ \hline 00010 \end{array}$$

1. $11001 - 1011$

2. $1111 - 1001$

3. $11100 - 1010$

4. $11,011 - 10,11$

$0*0$	0
$0*1$	0
$1*0$	0
$1*1$	1

$$\begin{array}{r} 11100 \\ \times 110 \\ \hline 00000 \\ +1 11100 \\ +1 +1 + 11100 \\ \hline 10101000 \end{array}$$

1. $11001 * 1011$

2. $1111 * 1001$

3. $11100 * 1010$

4. $11,011 * 10,11$

$$\begin{array}{r} 11,011 \\ \times 10,11 \\ \hline \end{array}$$

