Códigos																									
															2 - 4 - 5					Lankson					
Decimal	BCD 8421				E	Excesso 3					Gray			2 entre 5					Jonhson						
0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	$\begin{bmatrix} 0 \\ 1 \end{bmatrix}$			
1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	1 0	0	0	0	1	1			
2	0	0	1	0	0	1	0	1 0	0	0	1	0	0	1	ö	0	1	0	0	1	1	1			
3	0	0	$\frac{1}{0}$	1	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	1 1	1	1	0	1	1	0	0	1	0	1	0	0	1	1	1	1			
4 5	0	1	0	1	1	0	0	0	0	1	1	1	0	1	1	0	0	1	1	1	1	1			
6	0	1	1	0	1	0	0	1	0	1	0	1	1	0	0	0	1	1	1	1	1	0			
7	0	1	1	1	1	0	1	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0			
8	1	0	0	0	1	0	1	1	1	1	0	0	1	0	1	0	0	1	1	0	0	0			
9	1	0	0	1	1	1	0	0	1	1	0	1	1	1	0	0	0	1	0	0	0	0			
Display de 7 segmentos																									
	Са	catodo comum					Cada segmento acende com 1 aplicado ao																		
f g b								respectivo anodo.																	
					a	anodo comum					Cada segmento acende com 0 aplicado ao														
d											respectivo catodo.														
							C	ircu	ito	s A	ritn	ıéti	cos												
Meio Somador						A S					$S = A \oplus B$														
***************************************						MEIO SOMADOR					$T_s = AB$														
						$B T_s$					-s														
Meio Subtrator					_	A S  MEIO SUBTRATOR					$S = A \oplus B$														
														,	$T_s$ :	_	D								
						B T <sub>s</sub>									1 <sub>S</sub> :	= F	VD								
Somador Completo						A S  SOMADOR B COMPLETO					$S = A \oplus B \oplus T_E$														
											$T_s = AB + (A \oplus B) \cdot T_E$														
	-	$T_{\rm E}$ $T_{\rm S}$					$T_s = AB + AT_E + BT_E$																		
Subtrat		A S					$S = A \oplus B \oplus TE$																		
						SUBTRATOR B COMPLETO  T <sub>E</sub> T <sub>S</sub>					$T_s = \overline{A}B + (\overline{A \oplus B}) \cdot T_E$														
											$T_s = \overline{A}B + \overline{A}T_E + BT_E$														
Comed	lor/9	Sub	trote	or							$S = A \oplus B \oplus TE$														
Somador/Subtrator Completo						A S						V 100 100 100 100 100 100 100 100 100 10													
$M = 0 \rightarrow Somador$					_	B SOMADOR/ SUBTRATOR T <sub>E</sub> COMPLETO						$T_s = BT_E + (M \oplus A) \cdot (B + T_E)$													
					-	→ N	1	T <sub>S</sub>																	
$M = 1 \rightarrow Subtrator$																									