

# Microinstruções Verticais

0000	<b>ADD</b>	$r1 := r1 + r2$
0001	<b>AND</b>	$r1 := r1 . r2$
0010	<b>MOVE</b>	$r1 := r2$
0011	<b>COMPL</b>	$r1 := \text{inv} (r2)$
0100	<b>LSHIFT</b>	$r1 := \text{lshift} (r2)$
0101	<b>RSHIFT</b>	$r1 := \text{rshift} (r2)$
0110	<b>GETMBR</b>	$r1 := \text{MBR}$
0111	<b>TEST</b>	if $r2 < 0$ then $N := \text{true}$ ; if $r2 = 0$ then $Z := \text{true}$
1000	<b>BEGRD</b>	$\text{MAR} := r1; rd$
1001	<b>BEGWR</b>	$\text{MAR} := r1; \text{MBR} := r2; wr$
1010	<b>CONRD</b>	$rd$
1011	<b>CONWR</b>	$wr$
1100		
1101	<b>NJUMP</b>	if $N$ then goto $r$
1110	<b>ZJUMP</b>	if $Z$ then goto $r$
1111	<b>UJUMP</b>	goto $r$