

On-line	R1	R2	R3	R4	R5	R6	R7	R8	Output
3	2'	2	1'	1	0	0	0	0	0
3'	3	2'	$P_0$	1'	1	0	0	0	0
4	3'	3	$P'_0$	$P_0$	1'	1	0	0	$P_0$
4'	4	3'	3	$P'_0$	$P_0$	1'	$U_0$	0	$P'_0$
5	4'	4	3'	3	$P'_0$	$P_0$	$U'_0$	$U_0$	$U_0$
5'	5	4'	$P_1$	3'	3	$P'_0$	$P_0$	$U'_0$	$U'_0$
6	5'	5	$P'_1$	$P_1$	3'	3	$P'_0$	$P_0$	$P_1$
6'	6	5'	5	$P'_1$	$P_1$	3'	$U_1$	$P'_0$	$P'_1$

1 => First level LL  
coeff.



PREDICT



UPDATE

1' => Higher level LL  
coeff.



pre/upd output