bit	ith bit			
index i	of p	function calls	operation	pow_out
3	0	$MONT_SQR(2^{125})$	$2^{125 \times 2 - 64}$	2^{186}
2	0	$MONT_SQR(2^{186})$	$2^{186 \times 2 - 64}$	2^{308}
1	0	$MONT_SQR(2^{308})$	$2^{308 \times 2 - 64}$	2^{552}
0	1	$2 \times MONT_SQR(2^{552})$	$2^{552 \times 2 - 64} \times 2$	$2^{1040} \times 2 = 2^{1041}$
U	1	$ 2 \times MON1_SQR(2^{**2}) $	2***** × 2	$ Z^{2333} \times Z = Z^{233}$