Lauter (RLWE)	2-RLWE	3-RLWE
n		
$(2N-1)h_{RLWE}$	$(2N-1)^2 h_{2-RLWE}$	$(2N-1)^2 h_{3-RLWE} I$
number of ciphertexts		
$2NI$	$2I$	2
ciphertexts products		
$N^2 I$	I	1