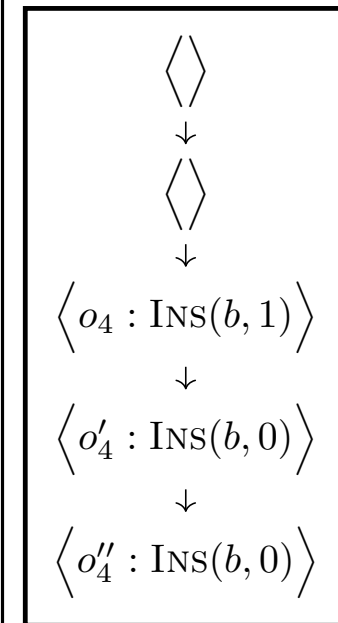
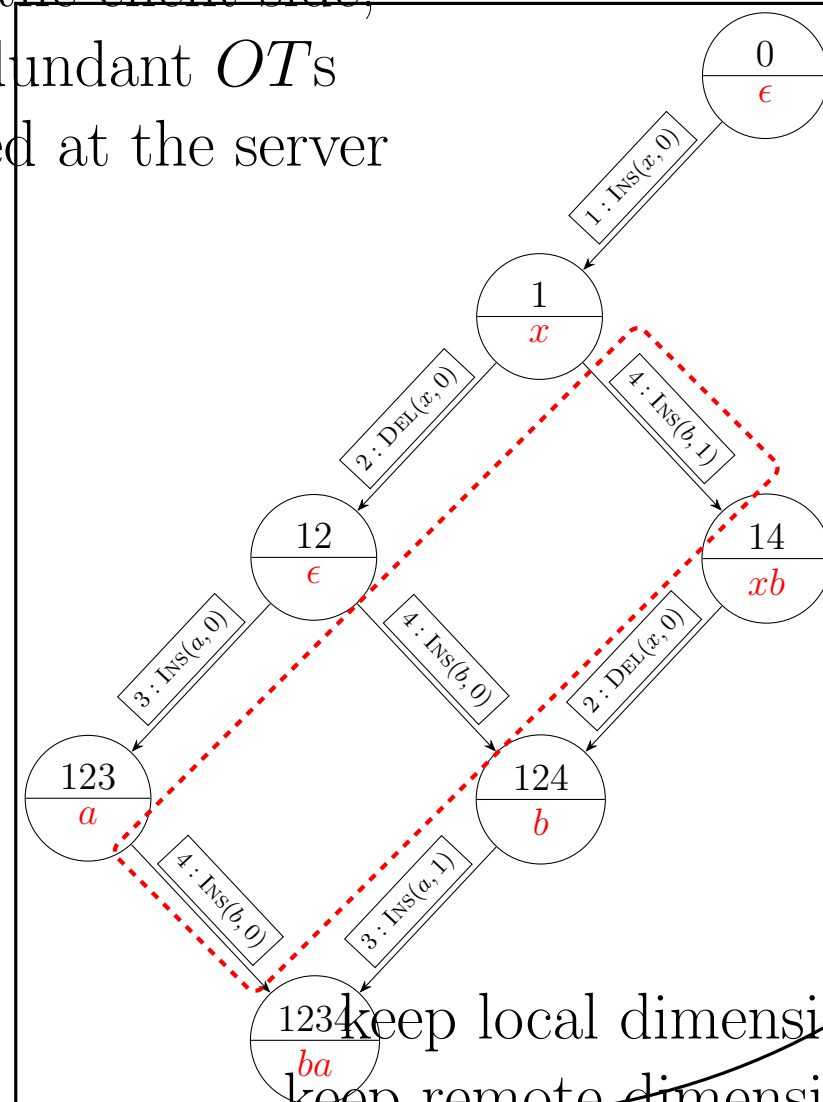
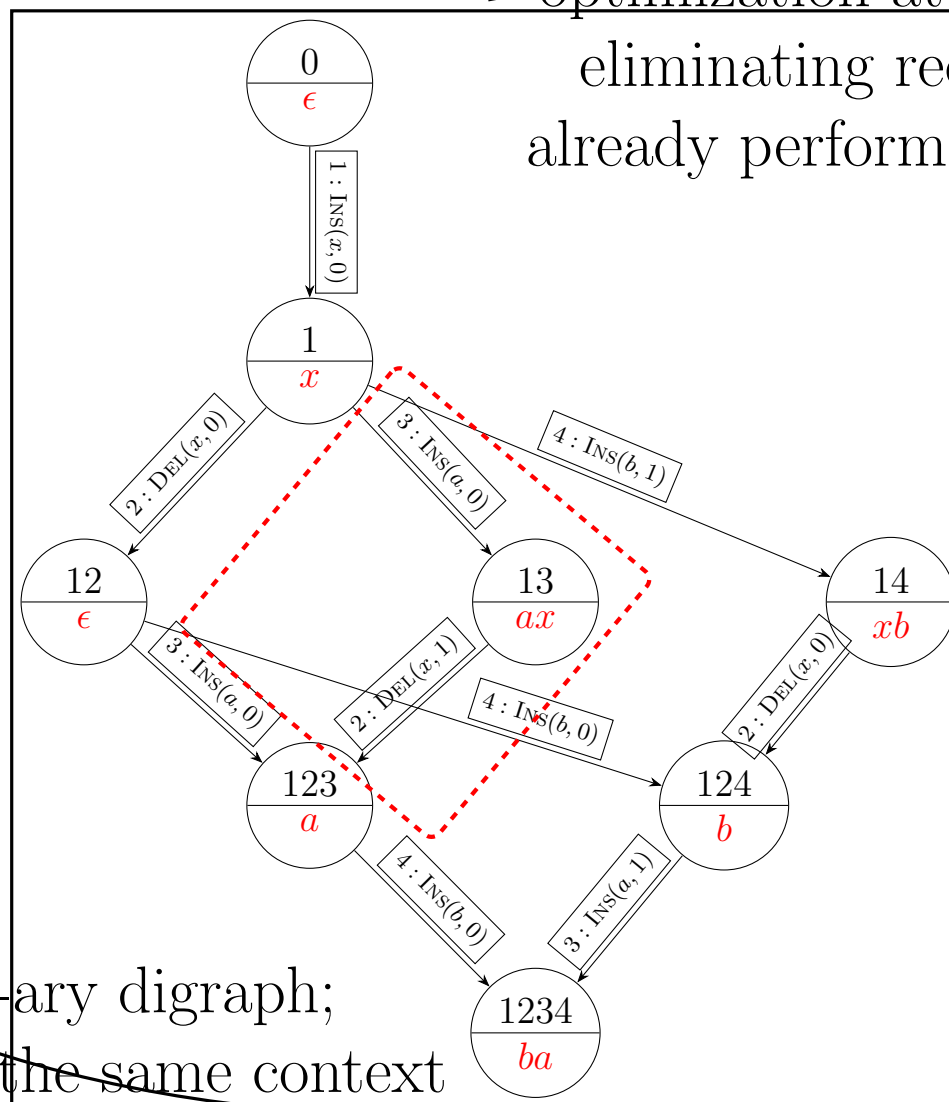
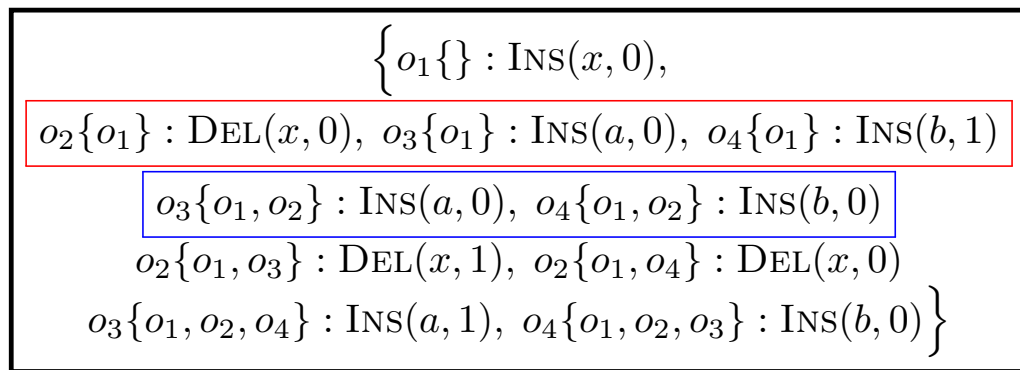


optimization at the client side,  
eliminating redundant  $OT$ s  
already performed at the server



organized into  $n$ -ary digraph;  
grouping  $Cops$  with the same context

keep local dimension at clients;  
keep remote dimension at the sever