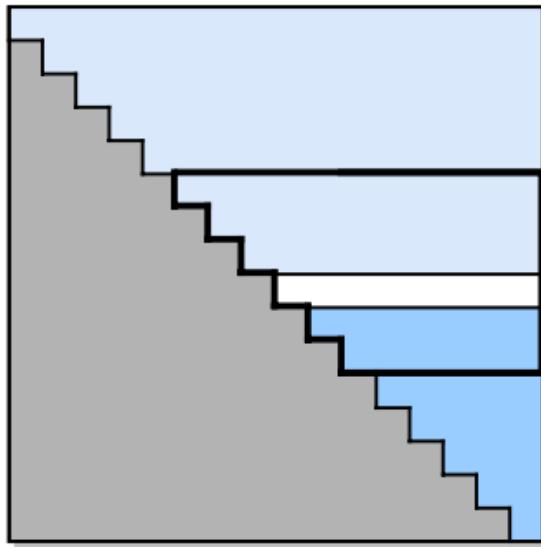
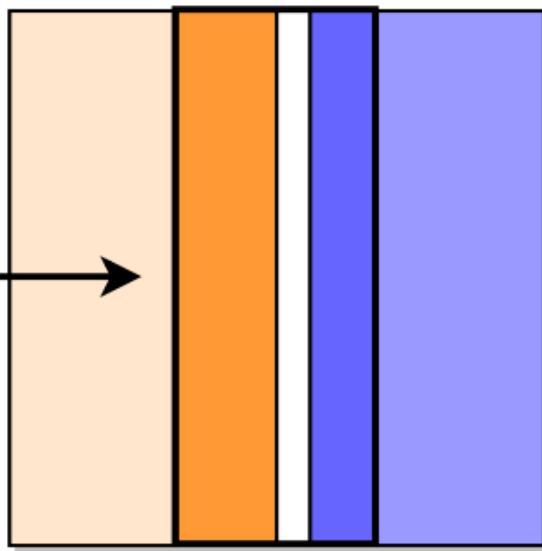


## Inverse Layer Hessian (Cholesky Form)



computed initially

## Weight Matrix / Block



block  $i$  quantized recursively  
column-by-column



quantized weights



unquantized weights  
that are updated