$A_{\nu}$	Plane y of state A
$A_{y}^{'}\ll (t,v)$	Cyclic shift of $A_y$ moving bit in $(x, z)$ to position $(x + t, z + v)$
$\overline{A_V}$	Bitwise complement of plane $A_{\nu}$
$A_V + A_{V'}$	Bitwise sum (XOR) of planes $A_y$ and $A_{y'}$

Bitwise product (AND) of planes  $A_{\gamma}$  and  $A_{\gamma'}$