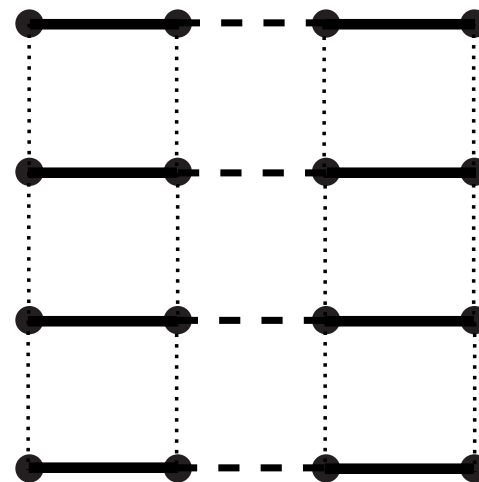


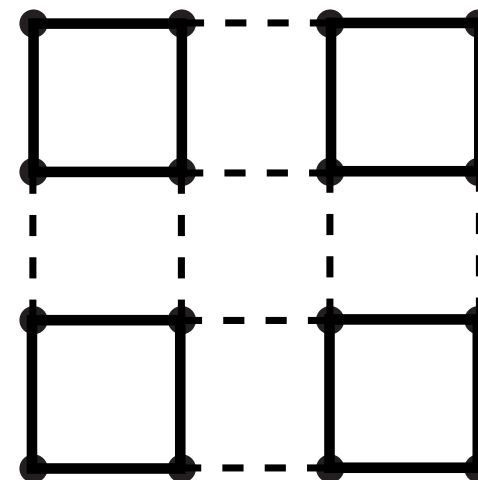
$\mathbb{Z}_2$  flux expelled.  
Topological order.

$\langle \Phi \rangle = 0$   
Visons  
doubly degenerate.

No topological order.



or



$\langle \Phi \rangle \neq 0$   
VBS order

$g_c$

$\tilde{g}$

$g$