Higgs phase.
$\langle H \rangle = H_0 \neq 0$
$\mathbb{Z}_2$ flux and monopoles expelled.
Emergent $\mathbb{Z}_2$ gauge field.
Topological order.

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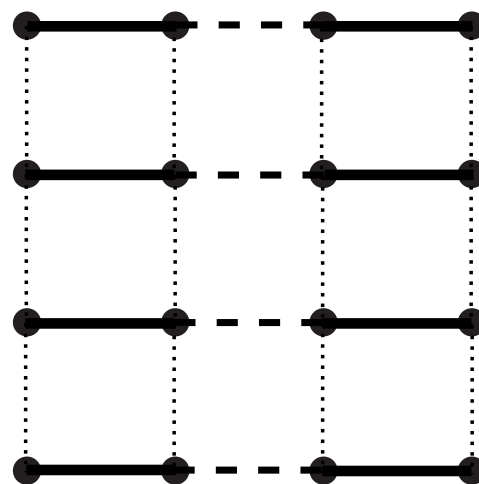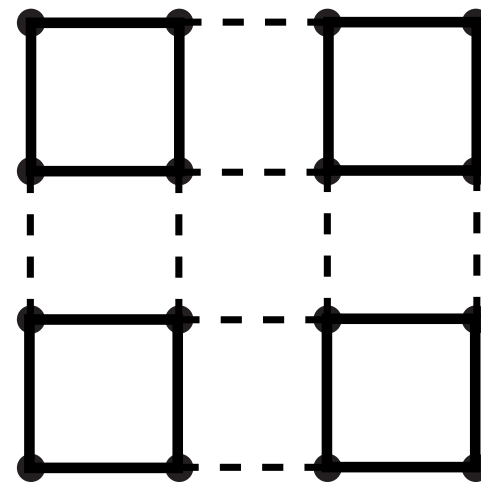doubly degenerate.

U(1) confined.
Monopoles proliferate.
$\langle H \rangle = 0$
No topological order.

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

or

$g_c$

$\widetilde{g}$

$g$