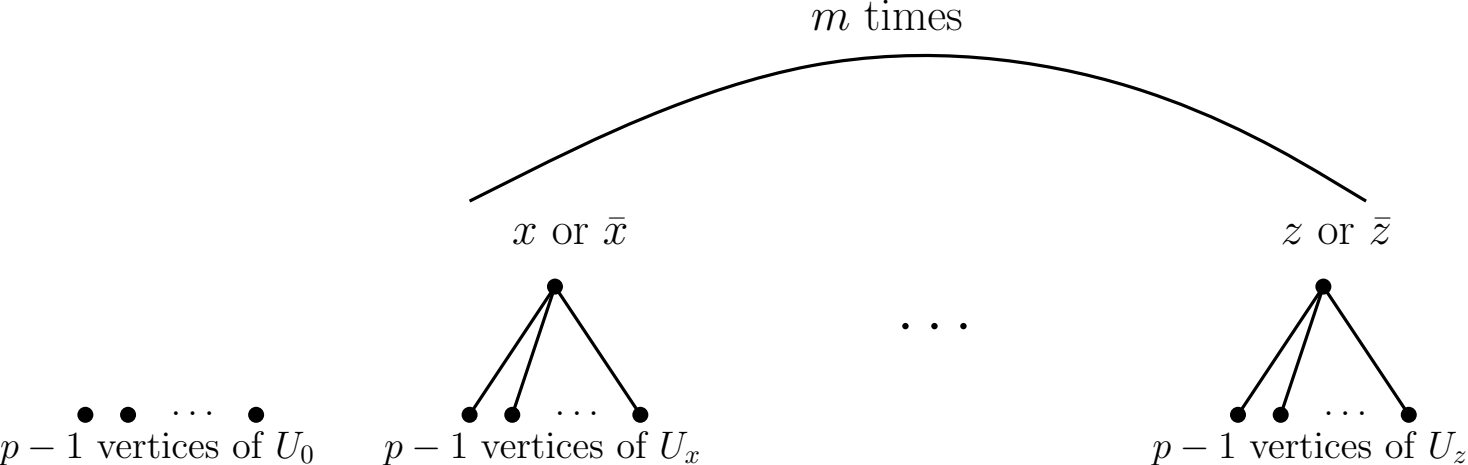
m times
x or $\bar{x}$
z or $\bar{z}$
$p-1$ vertices of U_0
$p-1$ vertices of U_x
$p-1$ vertices of U_z