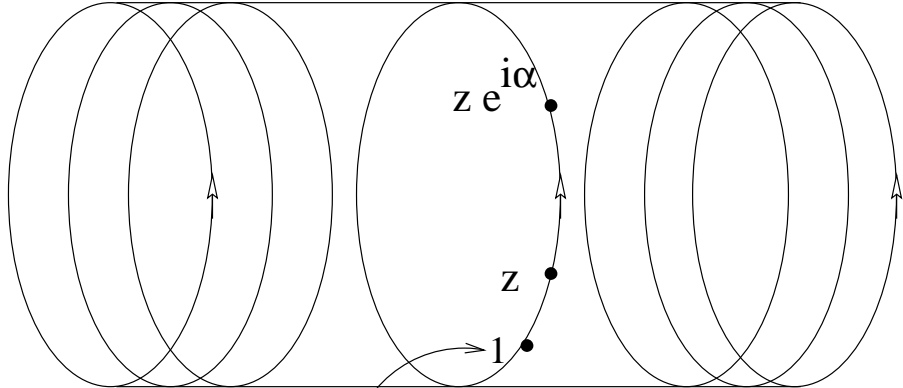


$U(1)$



$P$

$\sigma$

$\pi$

$$z = e^{i\theta}$$

$M$