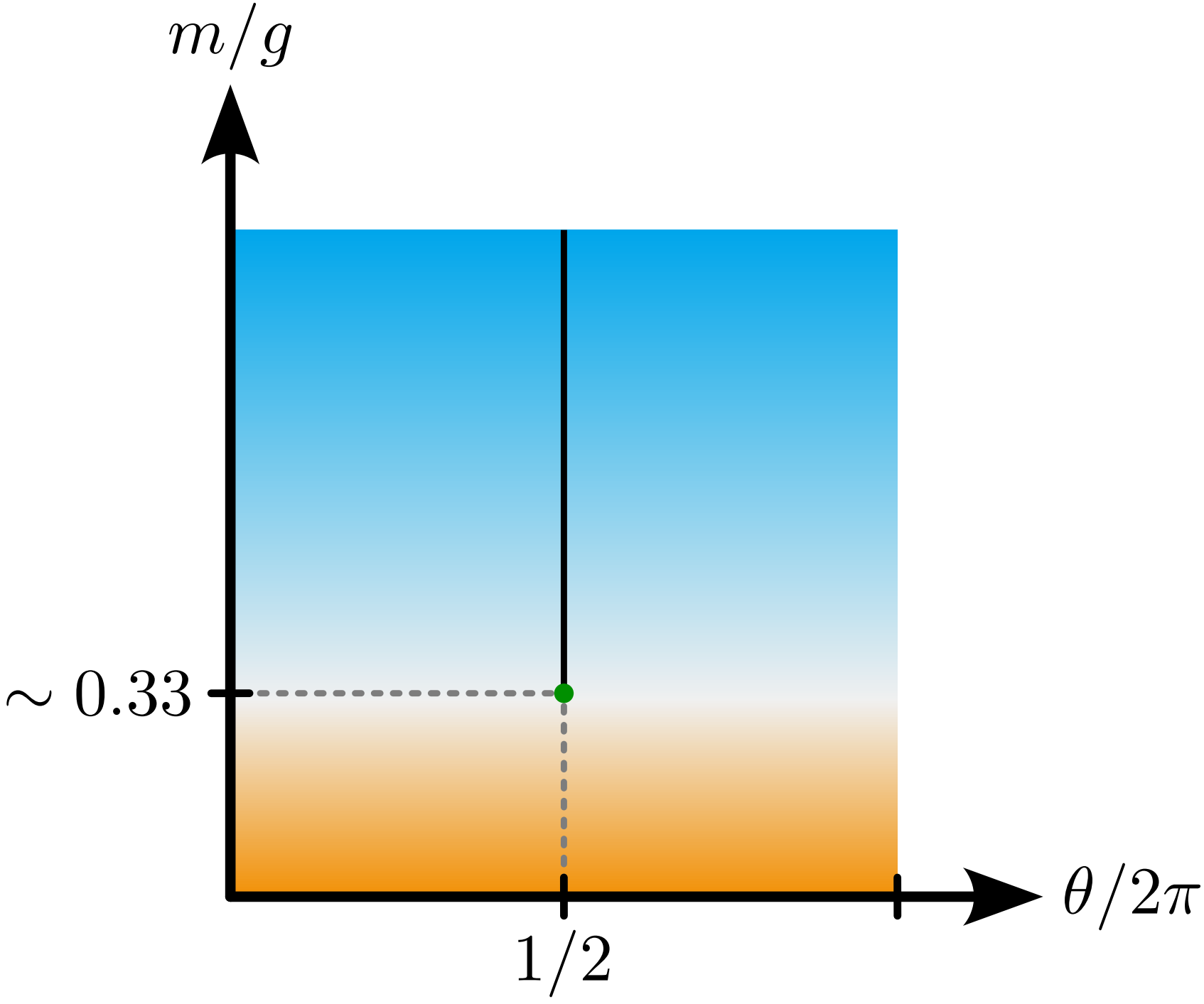
m/g
~ 0.33
$1/2$
$\theta/2\pi$