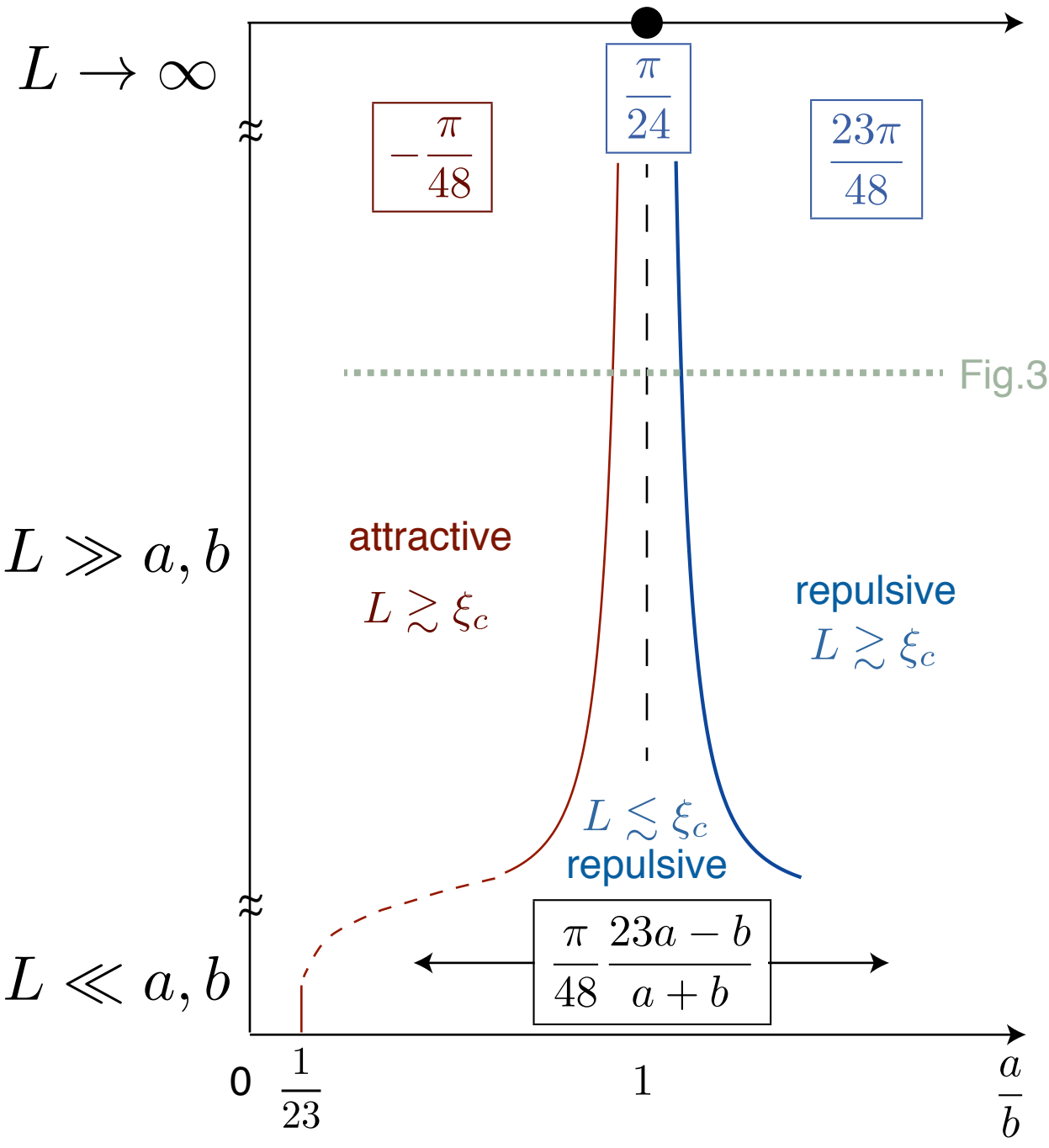
$L \to \infty$
$L \gg a, b$
$L \ll a, b$
$-\frac{\pi}{48}$
$\frac{\pi}{24}$
$\frac{23\pi}{48}$
Fig.3
attractive
$L \gtrsim \xi_c$
repulsive
$L \gtrsim \xi_c$
$L \lesssim \xi_c$
repulsive
$\frac{\pi}{48}\frac{23a-b}{a+b}$
0
$\frac{1}{23}$
1
$\frac{a}{b}$