$\alpha_1 = 3$

$U(1)^{N_c}$

$U(1)^{N_c}$

$\alpha = 3/2$

$\alpha = 3/2$

$\alpha = 1/2$

$\alpha = 1/2$

$U(1)^{N_c}$

$\mu_B \approx 0$

$U(1)^{N_c}$

α_{non}