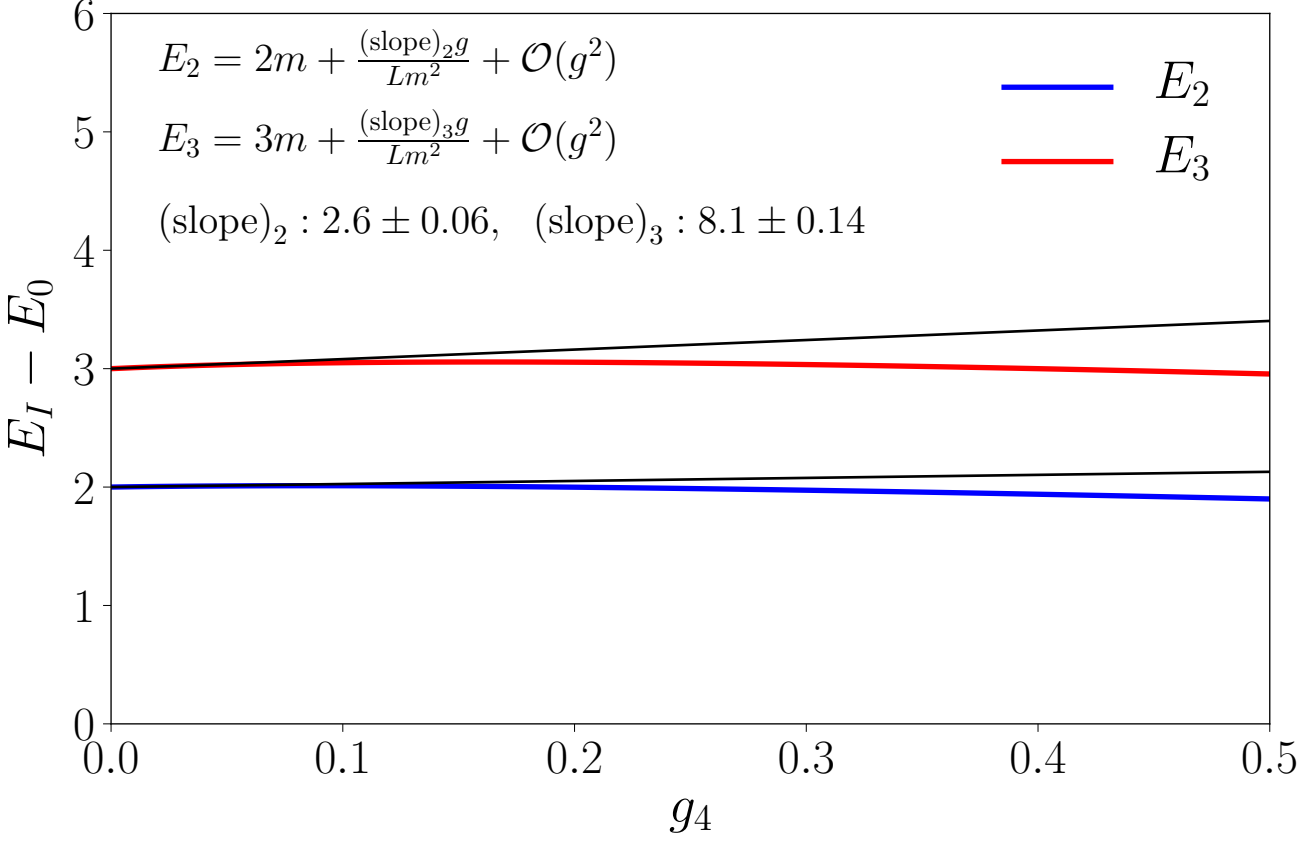
$m = 1,\ L = 10.0,\ E_{\max} = 20.0$
$E_2 = 2m + \frac{(\text{slope})_2 g}{Lm^2} + \mathcal{O}(g^2)$
$E_3 = 3m + \frac{(\text{slope})_3 g}{Lm^2} + \mathcal{O}(g^2)$
$(\text{slope})_2 : 2.6 \pm 0.06, \quad (\text{slope})_3 : 8.1 \pm 0.14$
E_2
E_3
$E_I - E_0$
g_4
0
1
2
3
4
5
6
0.0
0.1
0.2
0.3
0.4
0.5