

# 1 Benchmark week 10

## 1.1 SC30

### 1.1.1 Free delta

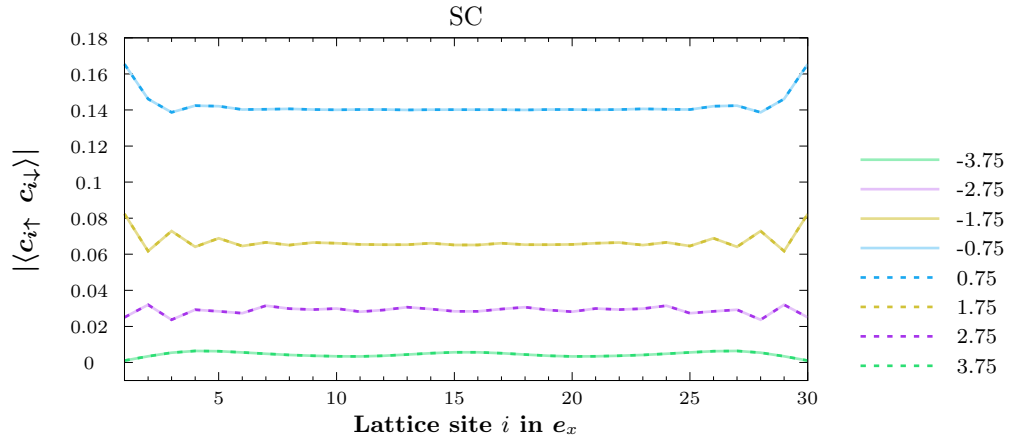


Figure 1: Real guess

### 1.1.2 Fixed phase on sides

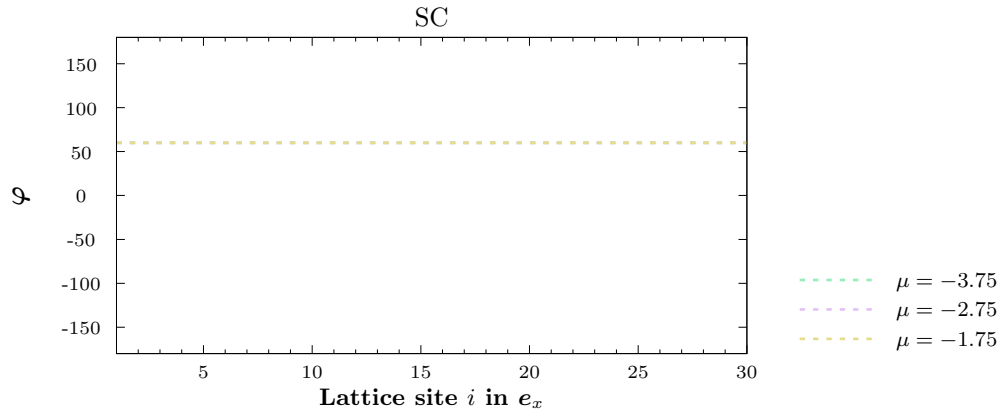
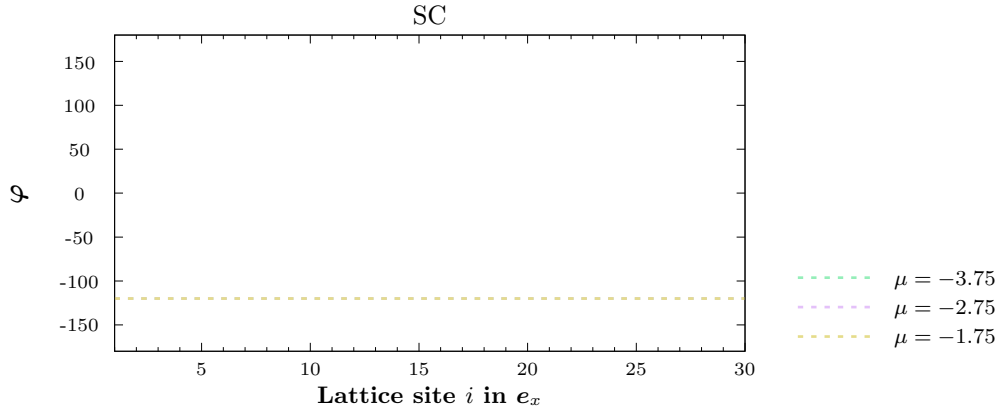
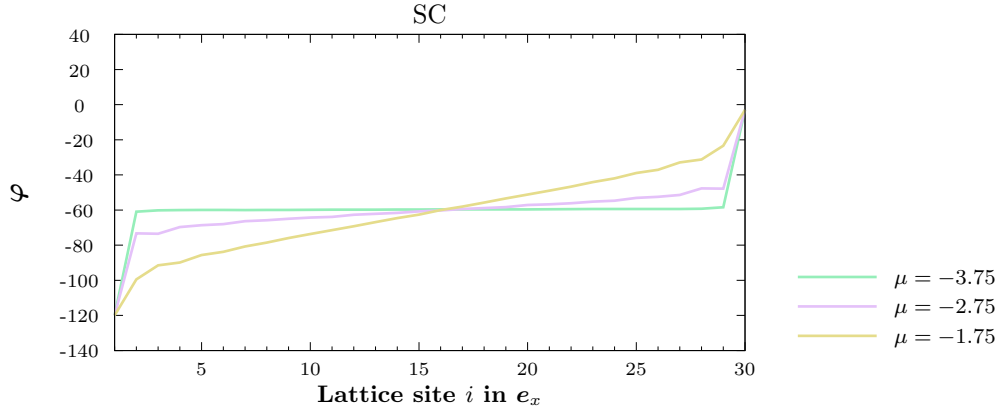


Figure 2: Phase on side  $\varphi_0 = \pi/3$

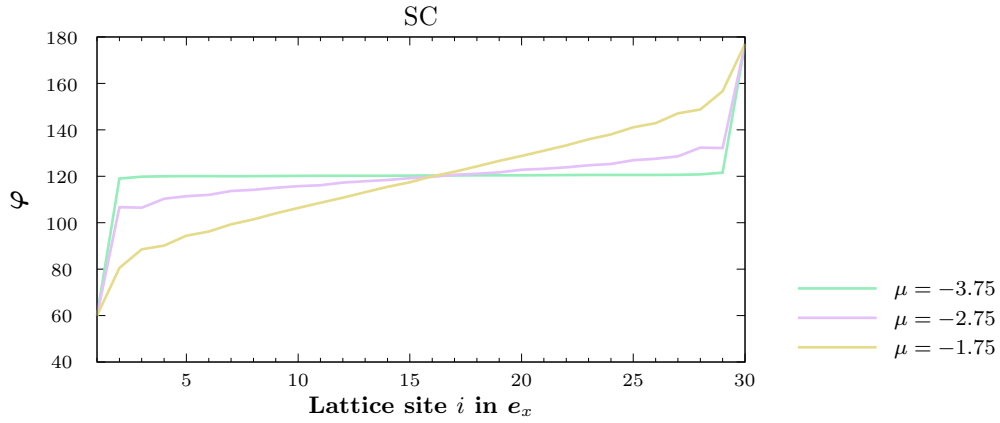


**Figure 3:** Phase on side  $\varphi_0 = -2\pi/3$

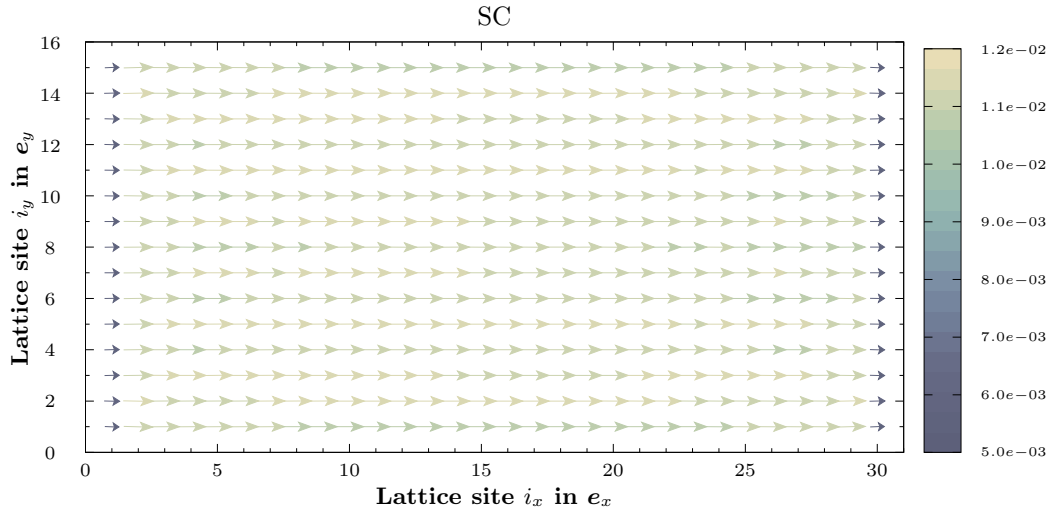
### 1.1.3 Phasegradient of 117 deg



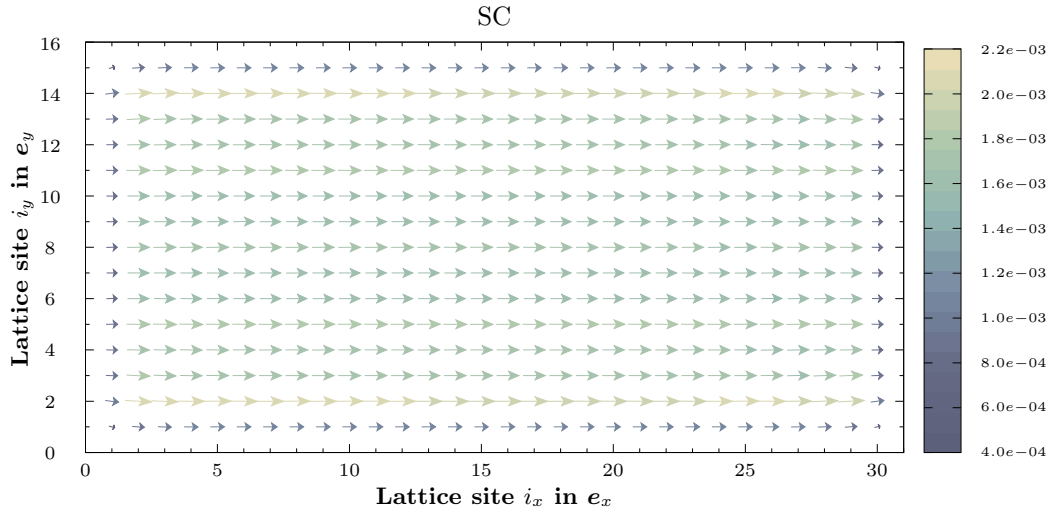
**Figure 4:** Phase on side  $\varphi_0 = -2\pi/3$  and gradient of 117deg



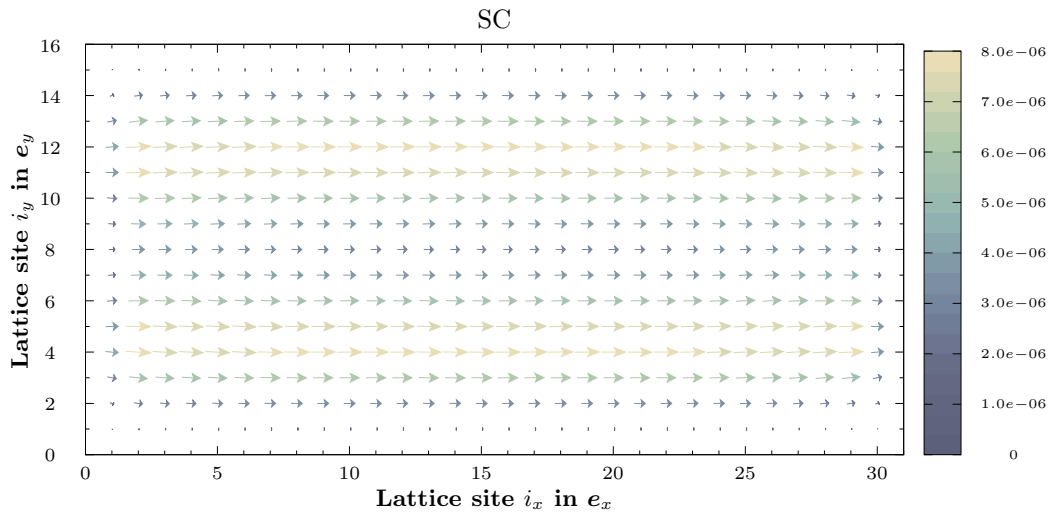
**Figure 5:** Phase on side  $\varphi_0 = \pi/3$  and gradient of 117deg



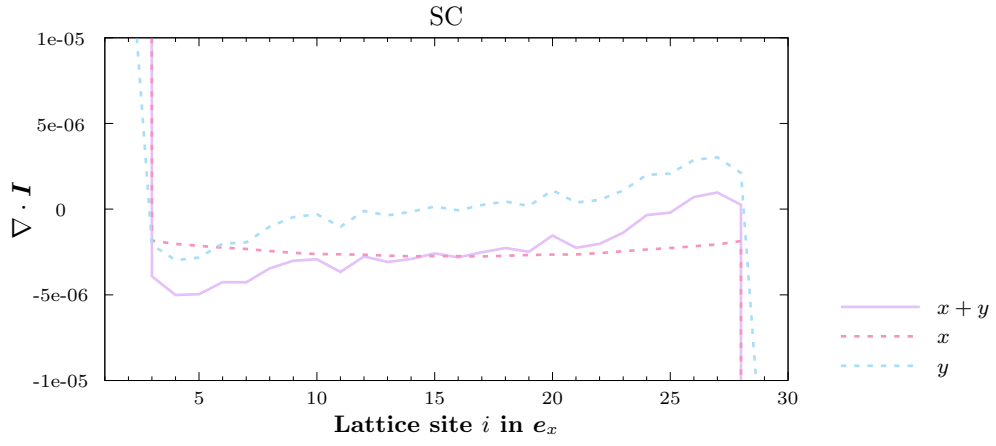
**Figure 6:** Current from a phase gradient of 117deg at  $\mu = -1.75$ .



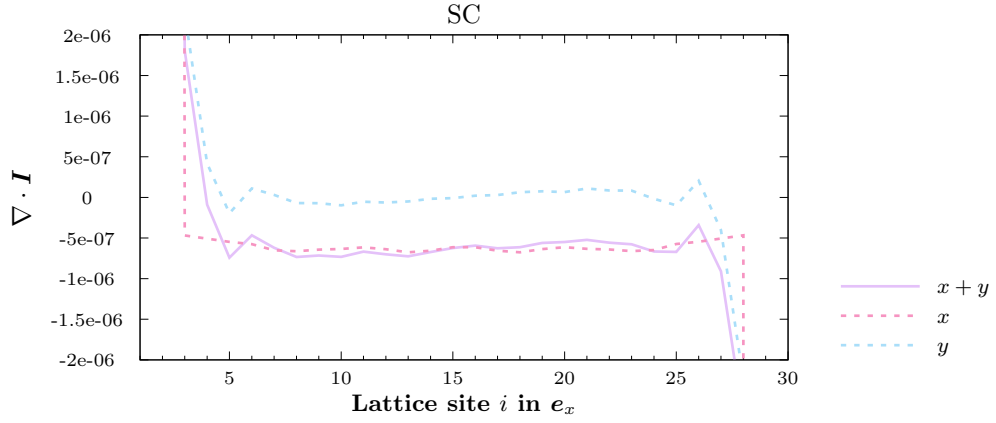
**Figure 7:** Current from a phase gradient of 117deg at  $\mu = -2.75$ .



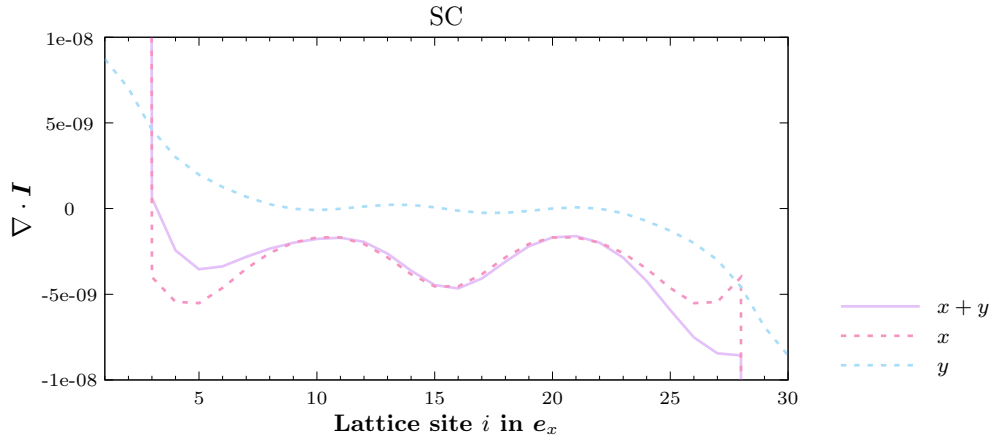
**Figure 8:** Current from a phase gradient of 117deg at  $\mu = -3.75$ .



**Figure 9:** Continuity of the current from a phase gradient of 117deg at  $\mu = -1.75$ . In both x and y direction as well as the total continuity.



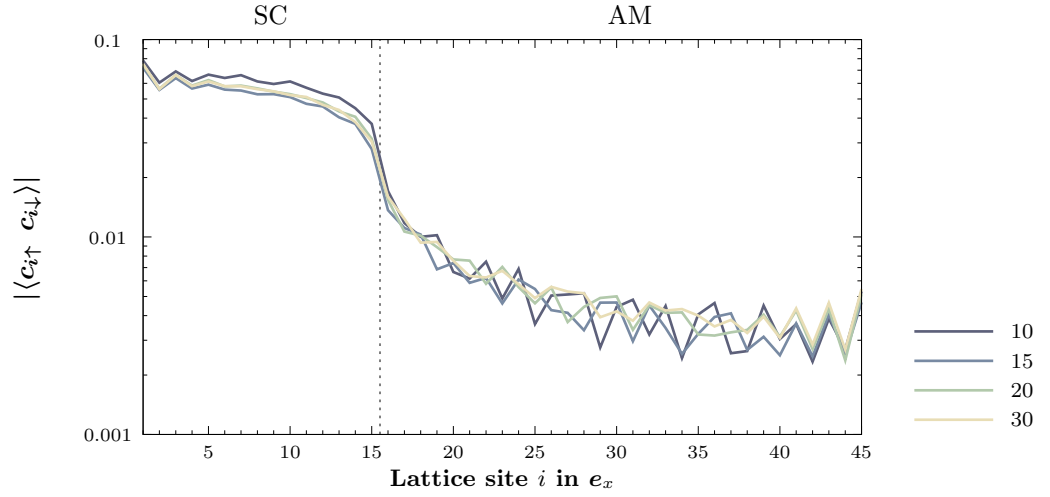
**Figure 10:** Continuity of the current from a phase gradient of 117deg at  $\mu = -2.75$ . In both x and y direction as well as the total continuity.



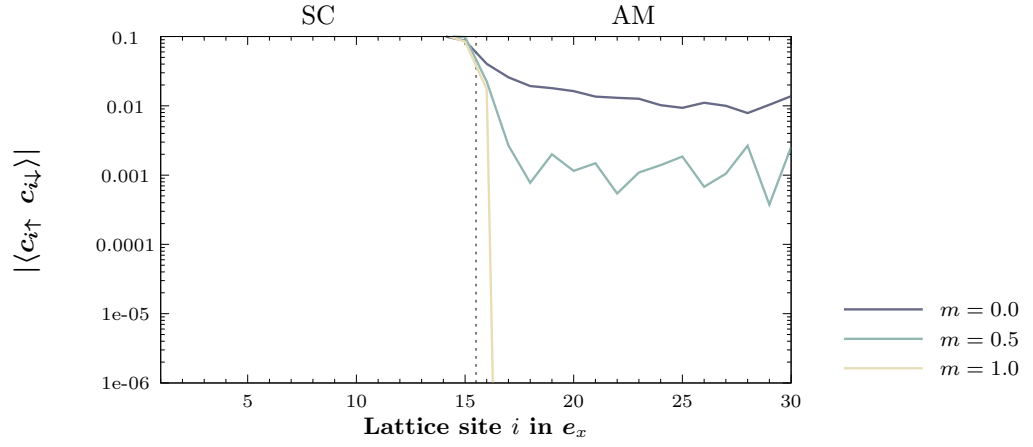
**Figure 11:** Continuity of the current from a phase gradient of 117deg at  $\mu = -3.75$ . In both x and y direction as well as the total continuity.

## 2 SC15-AM15

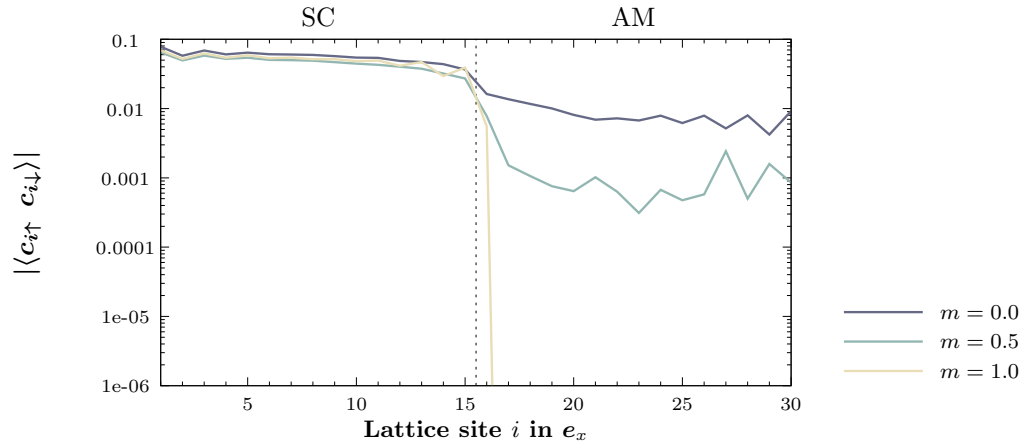
### 2.0.1 Free delta



**Figure 12:** Comparison under different heights  $Ny$  for  $\mu = -1.75$



**Figure 13:**  $\mu = -0.75$



**Figure 14:**  $\mu = -1.75$

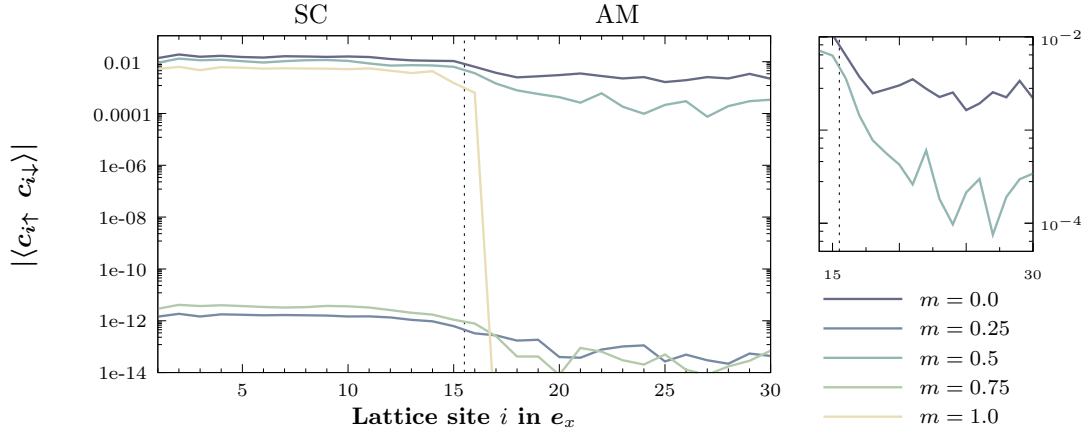


Figure 15:  $\mu = -2.75$

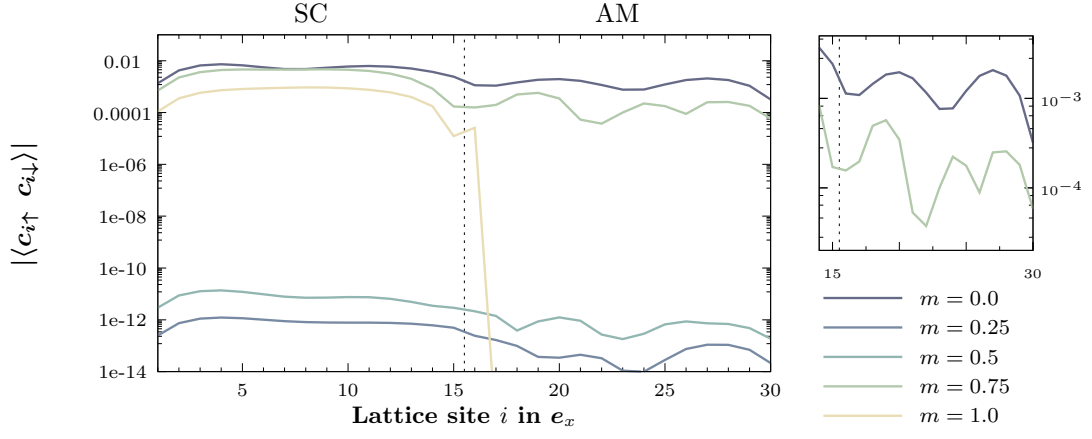


Figure 16:  $\mu = -3.75$