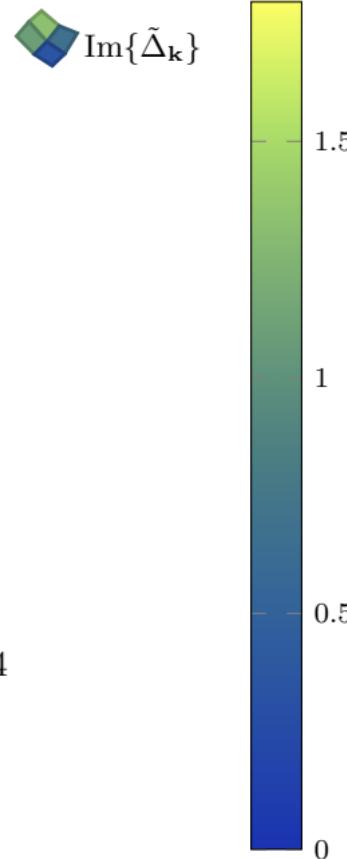


$\text{Im}\{\tilde{\Delta}_{\mathbf{k}}\}$  ( $t = 1.0$ ,  $L_x = 128$ ,  $\delta = 0.2$ ,  $\beta = 100.0$ ,  $k_\ell = \pi/3$ )

$\cdot 10^{-4}$



$\text{Im}\{\tilde{\Delta}_{\mathbf{k}}\}$

0.00005  
0.00010  
0.00015

0

5

$U$

10 15 20 0

15

0

1

$V$

2

3

4