

$$\tilde{t} \ (t = 1.0, L_x = 80, \delta = 0.2, \beta = 100.0, k_\ell = \pi/3)$$



A 3D surface plot showing the function  $\tilde{t}$  as a function of parameters  $U$  and  $V$ . The vertical axis is labeled  $\tilde{t}$  and ranges from 0.7 to 1.0. The horizontal axis is labeled  $U$  and ranges from 0 to 20. The depth axis is labeled  $V$  and ranges from 1.0 to 3.0. The surface is colored according to a scale from 0.7 (dark blue) to 1.0 (yellow). The surface shows a complex, saddle-like shape with a central peak and four surrounding valleys. A small 3D legend icon is located in the top right corner, showing a small cube with the same color gradient and the label  $\tilde{t}$ .

 $\tilde{t}$ 

1

0.9

0.8

0.7

1.0

0.9

0.8

0.7

20

15

10

5

0

3.0

2.5

2.0

1.5

1.0

 $V$  $U$