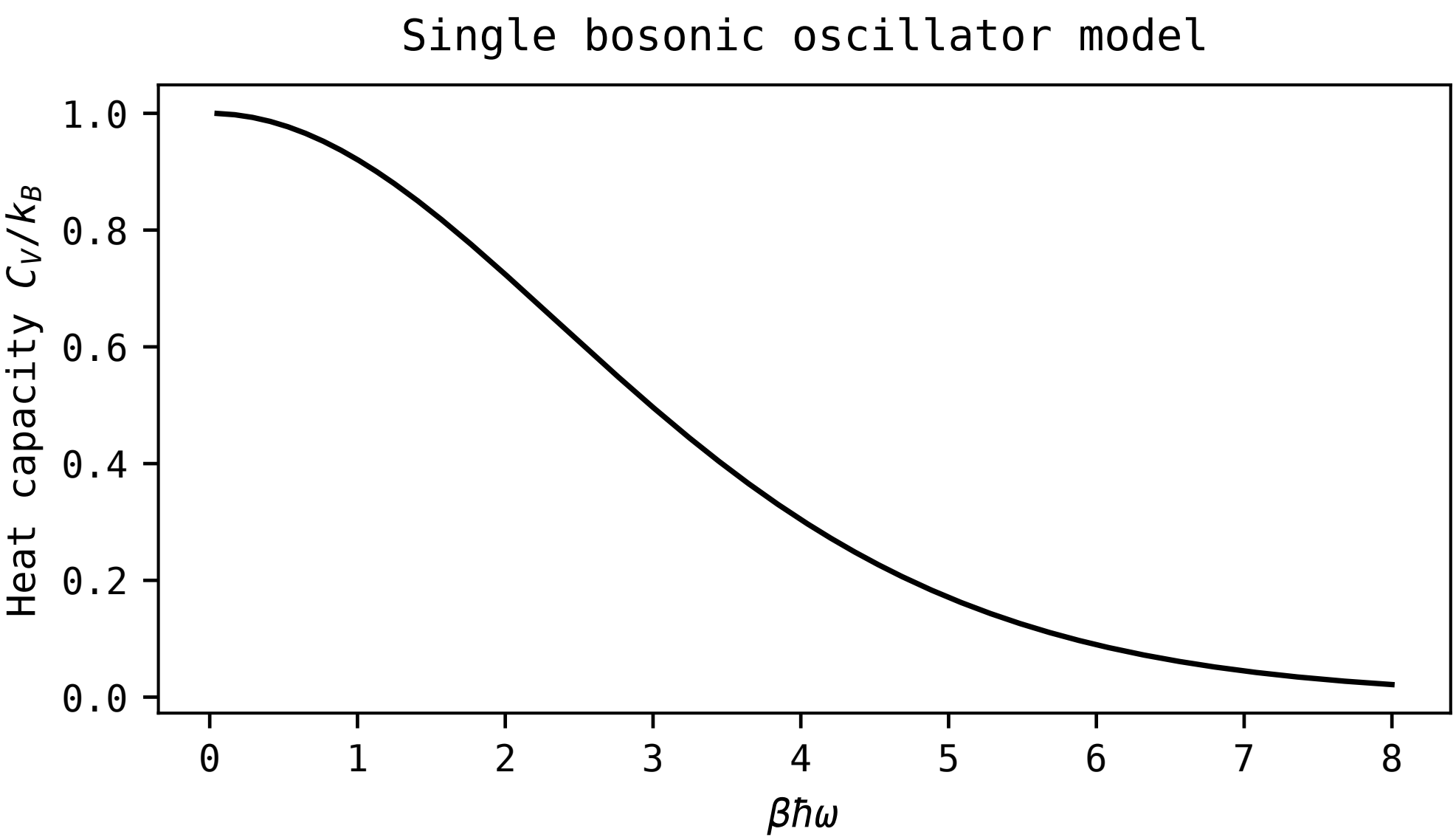

Single bosonic oscillator model
Heat capacity C_V/k_B
1.0
0.8
0.6
0.4
0.2
0.0
0
1
2
3
4
5
6
7
8
$\beta\hbar\omega$