

Plot Report

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1 Parameter Selection Based on Experimental Data

Therefore, we are now trying to find a suitable range for our parameters by comparing them with experimental optical gap data.

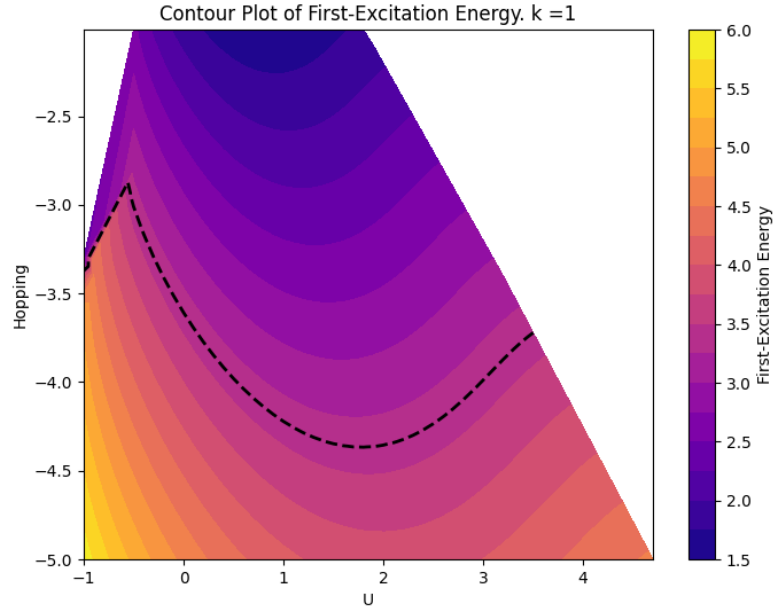


Figure 1: Comparison of parameters with experimental optical gap data,k=1.

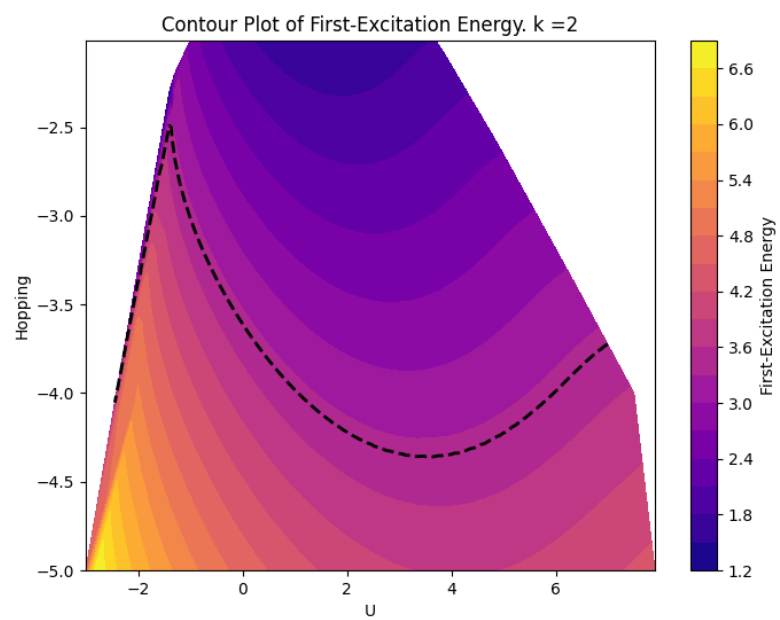


Figure 2: Comparison of parameters with experimental optical gap data, $k=2$.

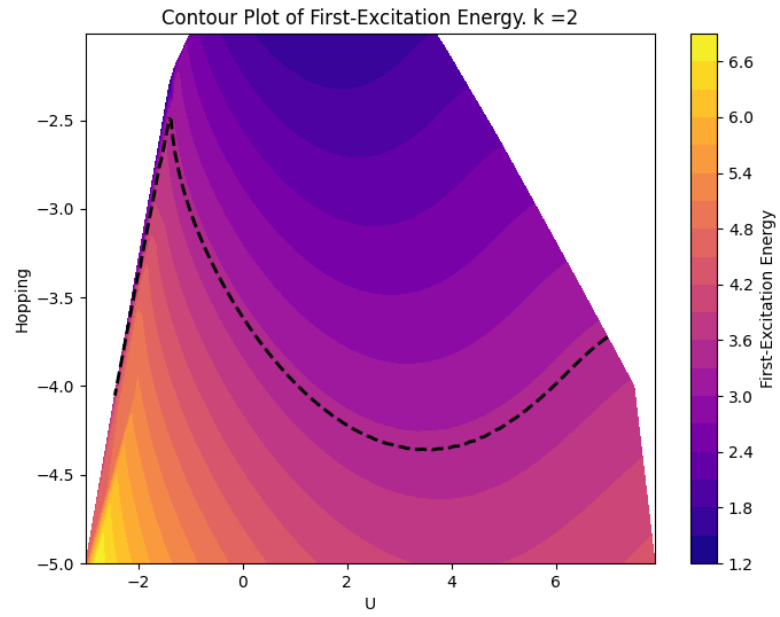


Figure 3: Comparison of parameters with experimental optical gap data, $k=3$.

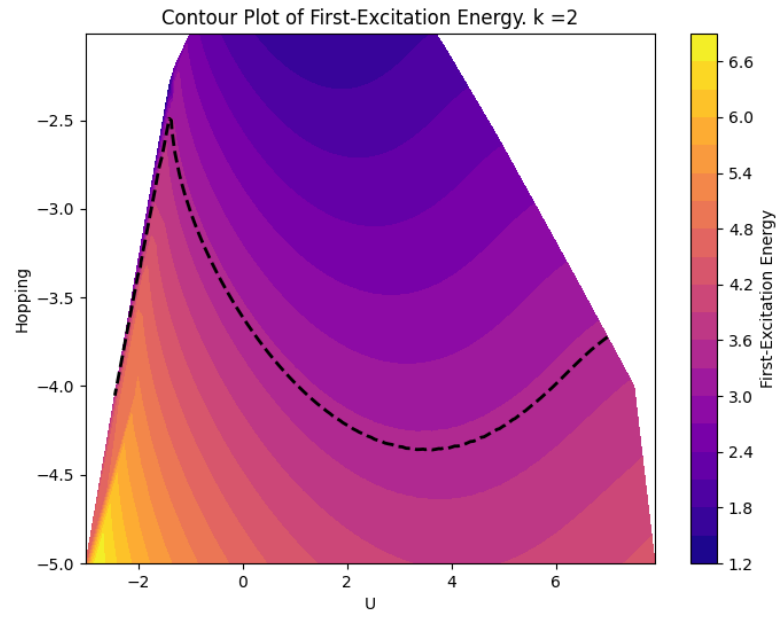


Figure 4: Comparison of parameters with experimental optical gap data, $k=4$.

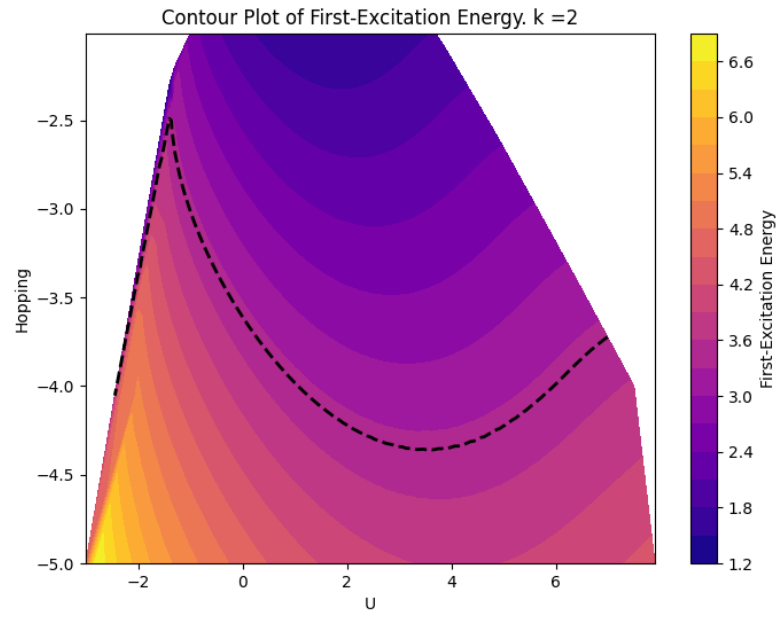


Figure 5: Comparison of parameters with experimental optical gap data, $k=5$.

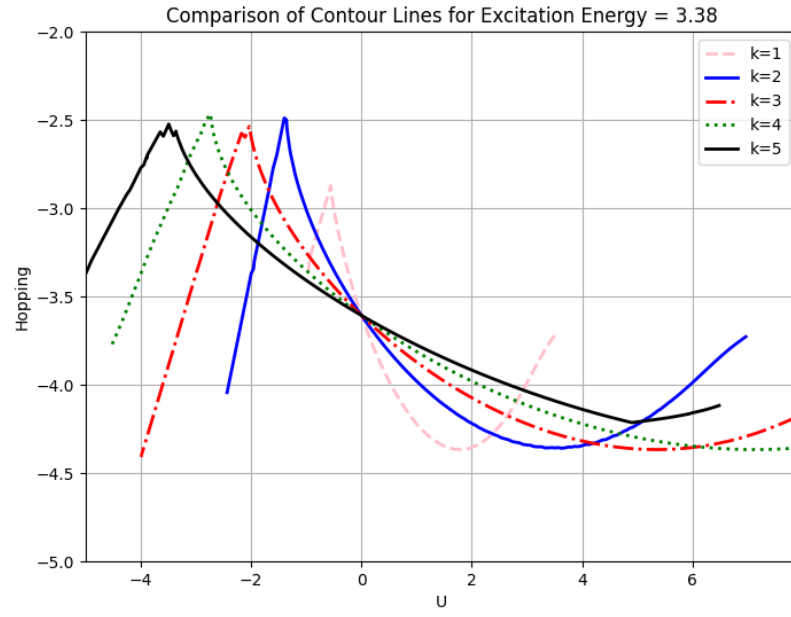


Figure 6: Comparison of parameters with experimental optical gap data.

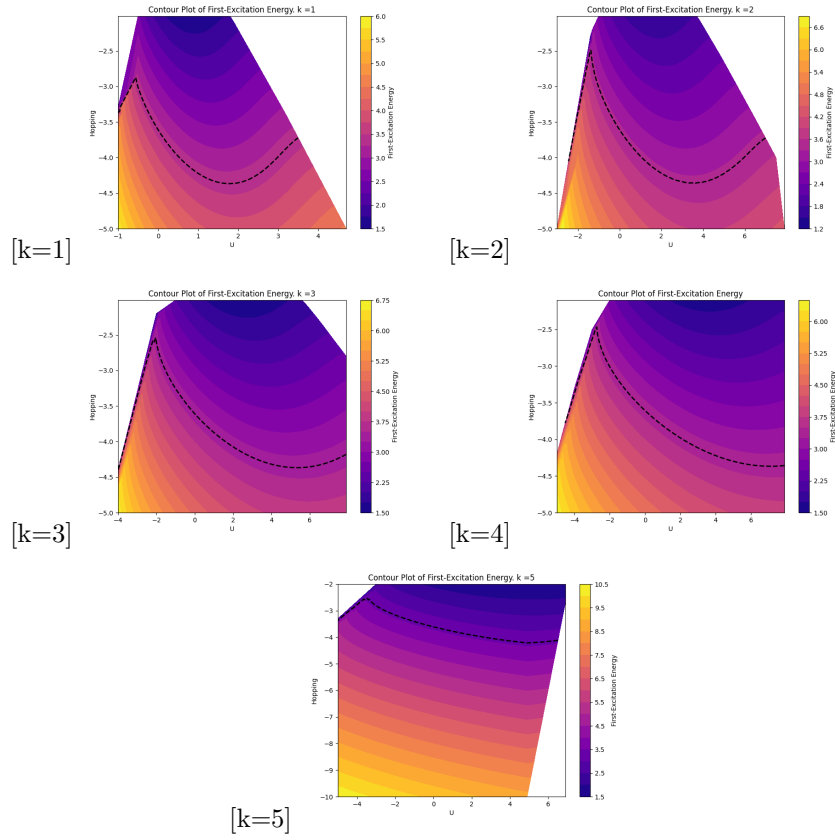


Figure 7: Comparison of five different k values.