References

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Chapter 1

Schwinger model

1.1 Massless ($m = 0$)

1.1.1 1 flavor

1.1.2 2 flavor

1.2 Massive

1.2.1 1 flavor

1.2.2 2 flavor

Wilson fermions

Chapter 2

Finite temperature Schwinger model

2.1 Massless ($m = 0$)

2.1.1 1 flavor

2.1.2 2 flavor

2.2 Massive

2.2.1 1 flavor

2.2.2 2 flavor

Chapter 3

Kovacs conjecture

Chapter 4

Numeric

4.1 Fermions

4.1.1 Central branch Wilson Fermions

[MY20] propose central branch Wilson fermions for simulation of 6 or 12 flavour QCD. However, in 2D Schwinger model there are just 2 ... in central branch — does it mean that is suitable to simulate 2 and 4 flavour Schwinger model?

Maybe one could even simulate massless ($m = 0$) theory in topological sector $\nu = 0$

4.1.2 Hypercube fermions

4.1.3 Overlap

Sign function approximations

DeGrand & DeTar

4.2 Monte Carlo

Multi ... Monte Carlo (Jansen & Co.) []

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