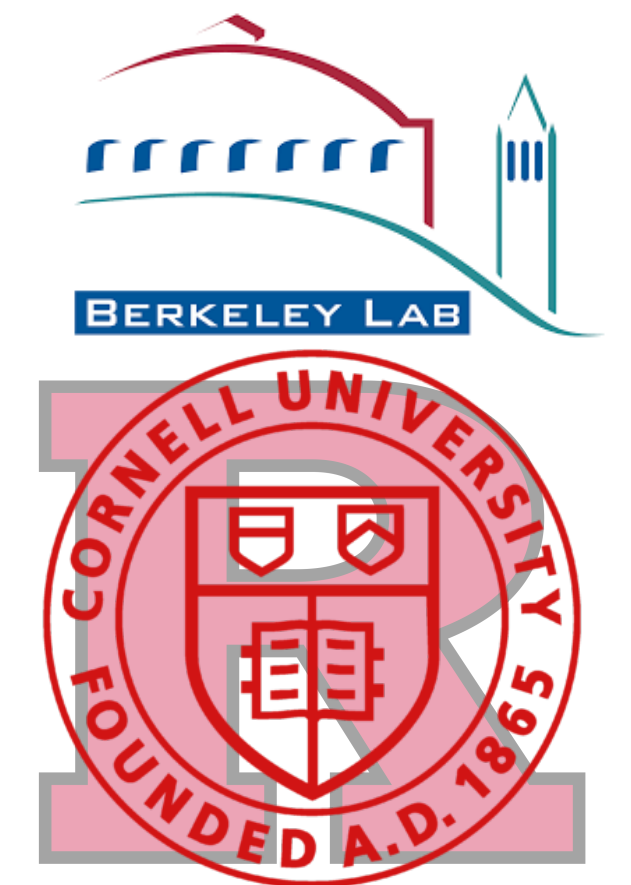


# Toward a non-perturbative computation of a $U(1)$ soft function using quantum simulation

Marat Freytsis (Cornell/Rutgers)

in collaboration with Christian Bauer, Dorota Grabowska [arXiv:230X.YYYYYY]

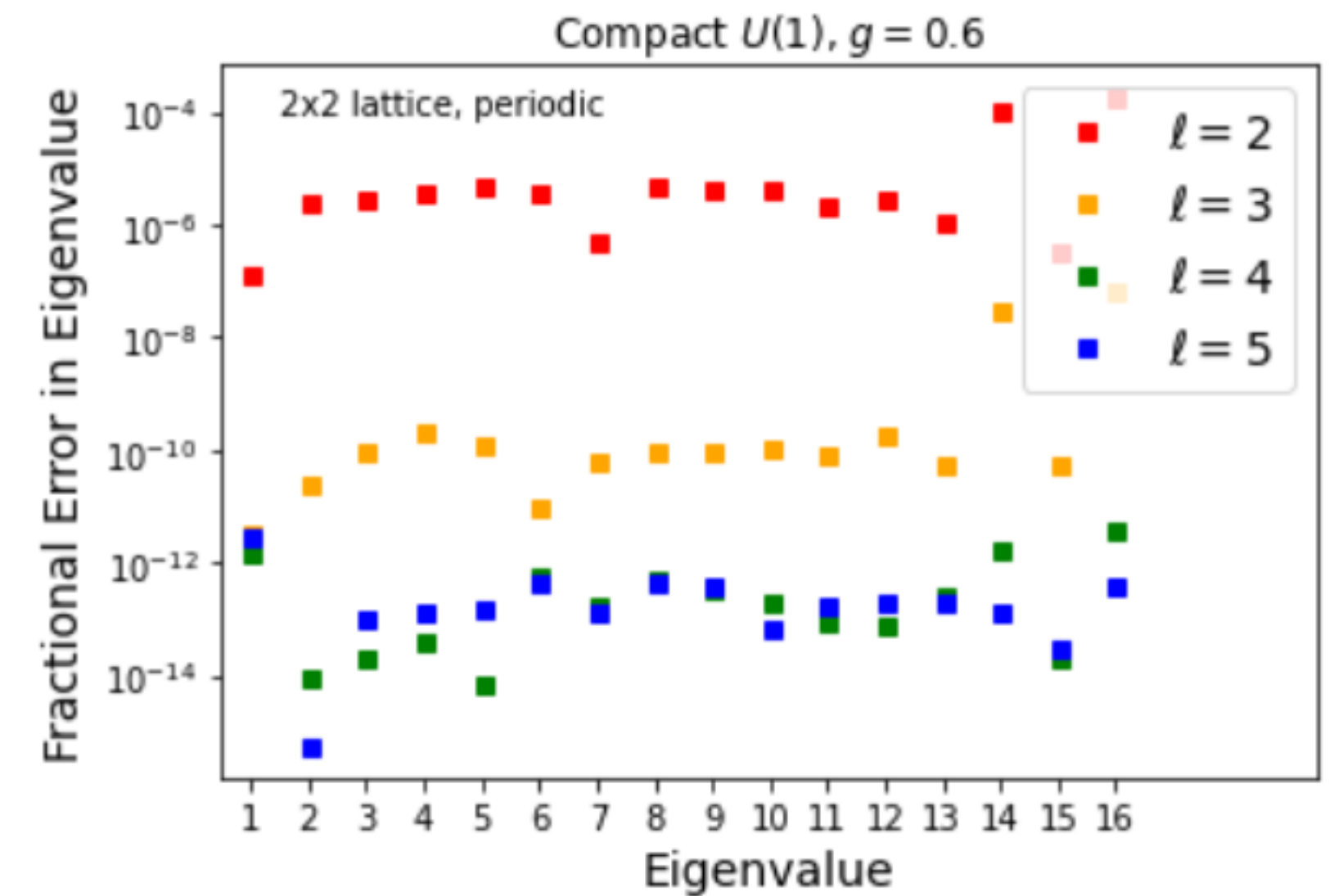
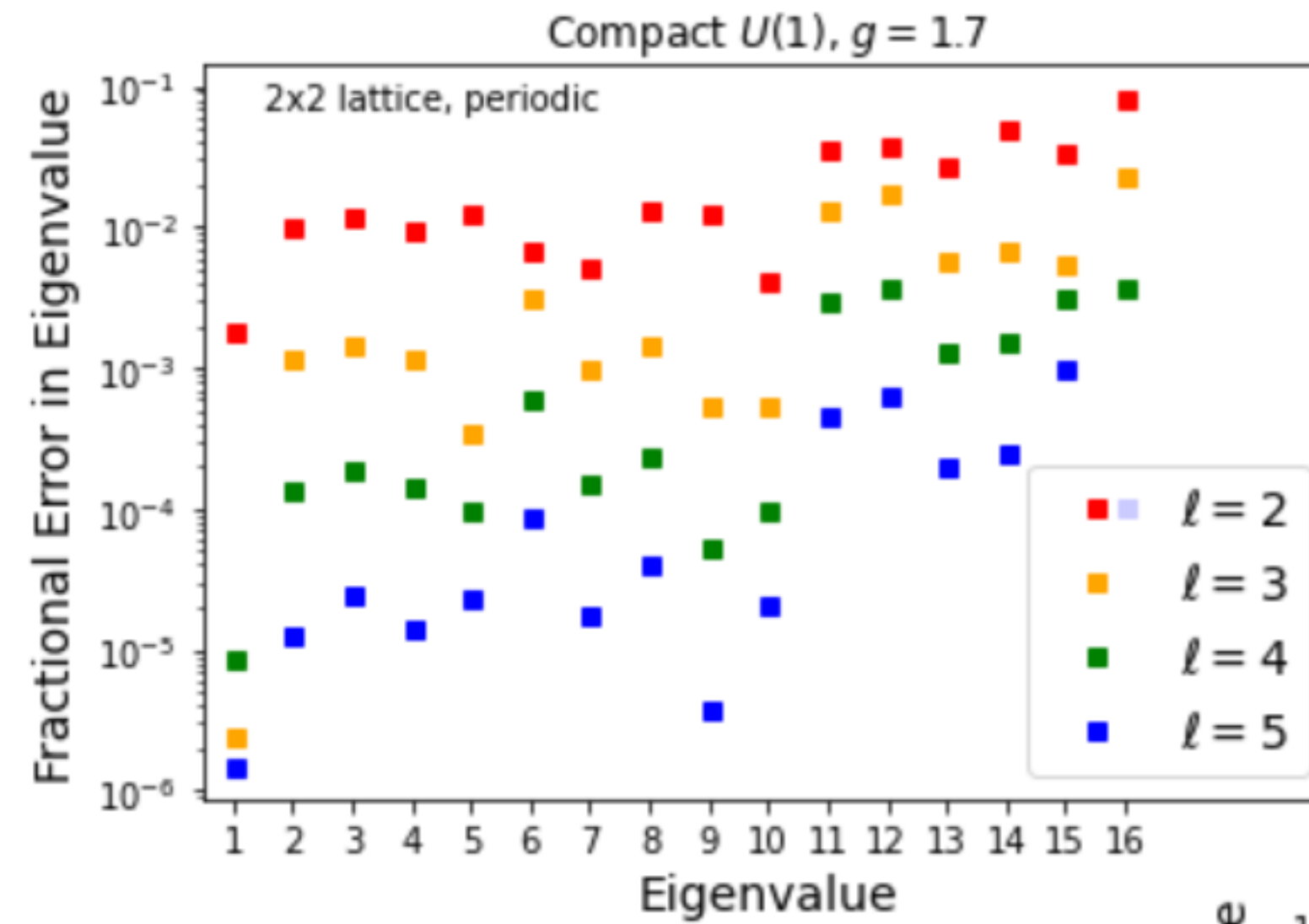
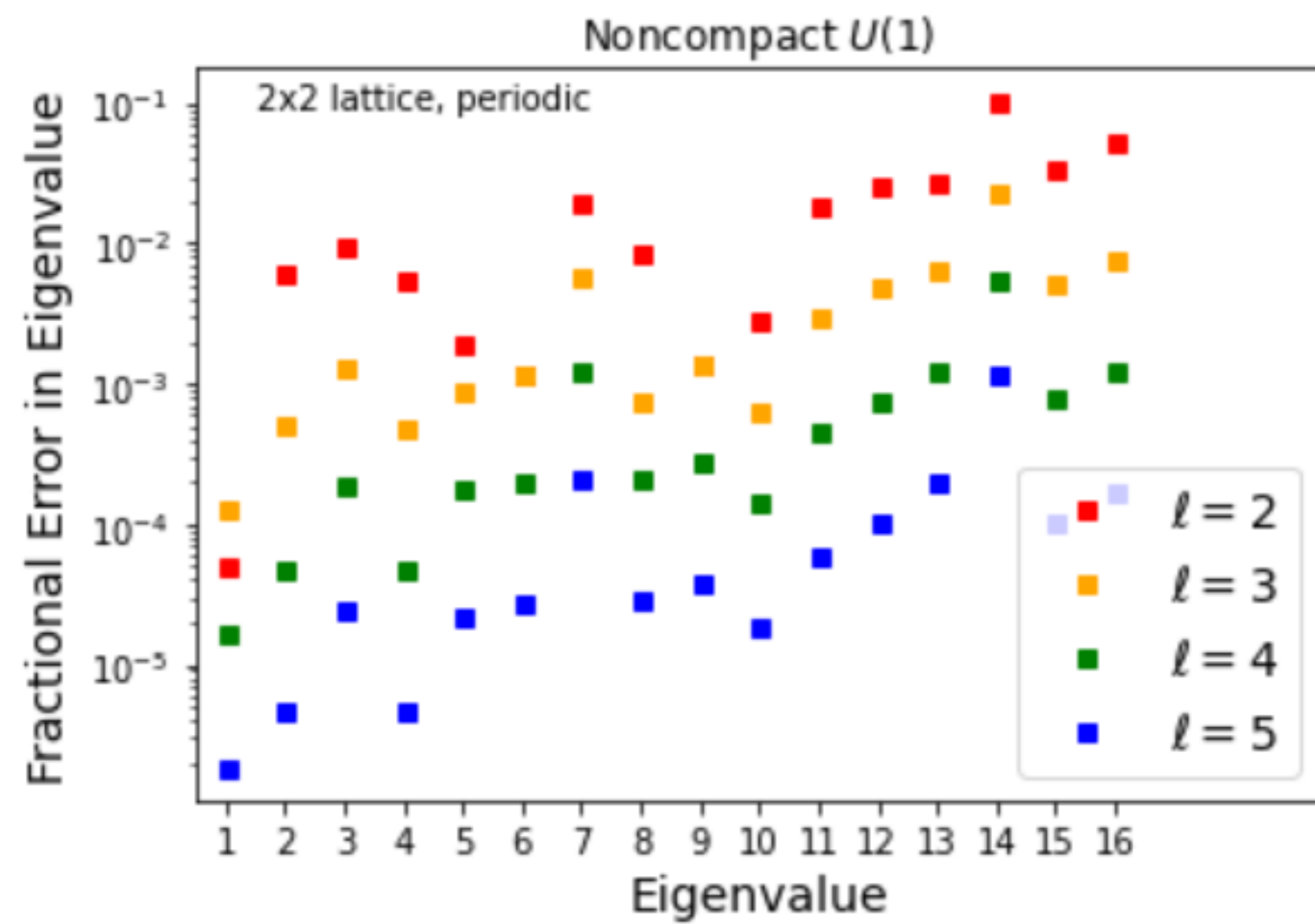
SCET 2023, LBNL



April 29, 2023

# Preliminary numerical studies

## Eigenspectrum convergence



# Preliminary numerical studies

Simulation of soft function charge dependence

