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Erratum

Statistical properties at the spectrum edge of the QCD Dirac operator

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The figures in the above-mentioned paper were corrupted in the printing process. The correct figures are reproduced below.

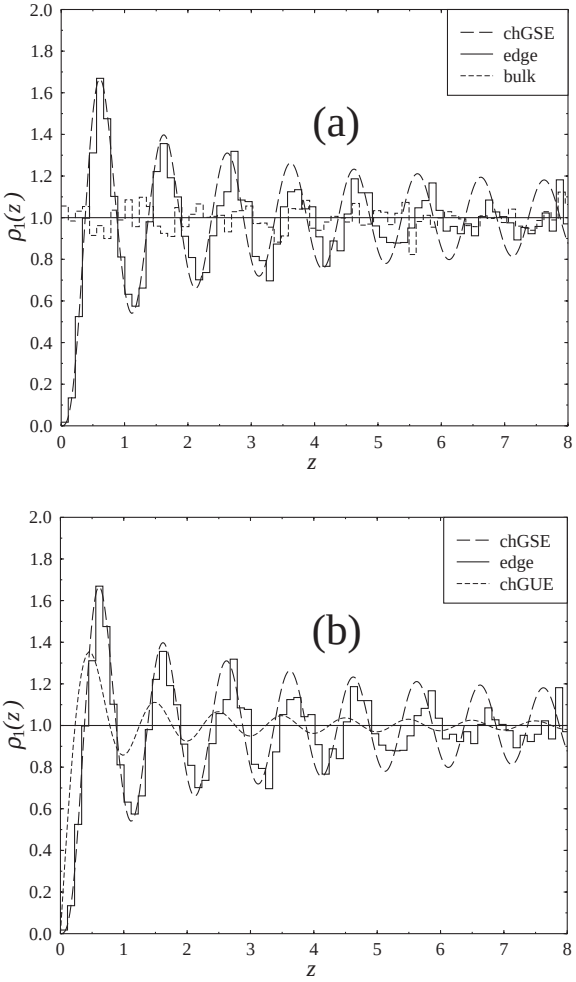

Fig. 1. The spectral density at the edge on the scale of the mean level spacing calculated from the lattice data and from the chGSE prediction is compared **a** with that in the bulk and **b** with the chGUE prediction

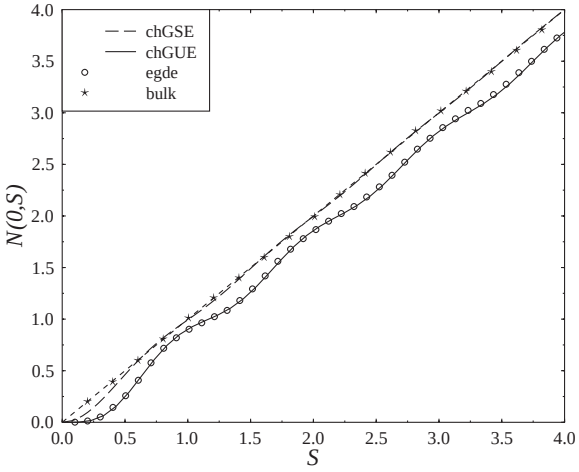

Fig. 2. The averaged staircase function at the spectrum edge and in the bulk. The *full* and the *long-dashed line* represent the chGSE and the chGUE, respectively. The *short-dashed line* is $\bar{N} = S$, representing the averaged staircase in the spectrum bulk. The *symbols* are the data

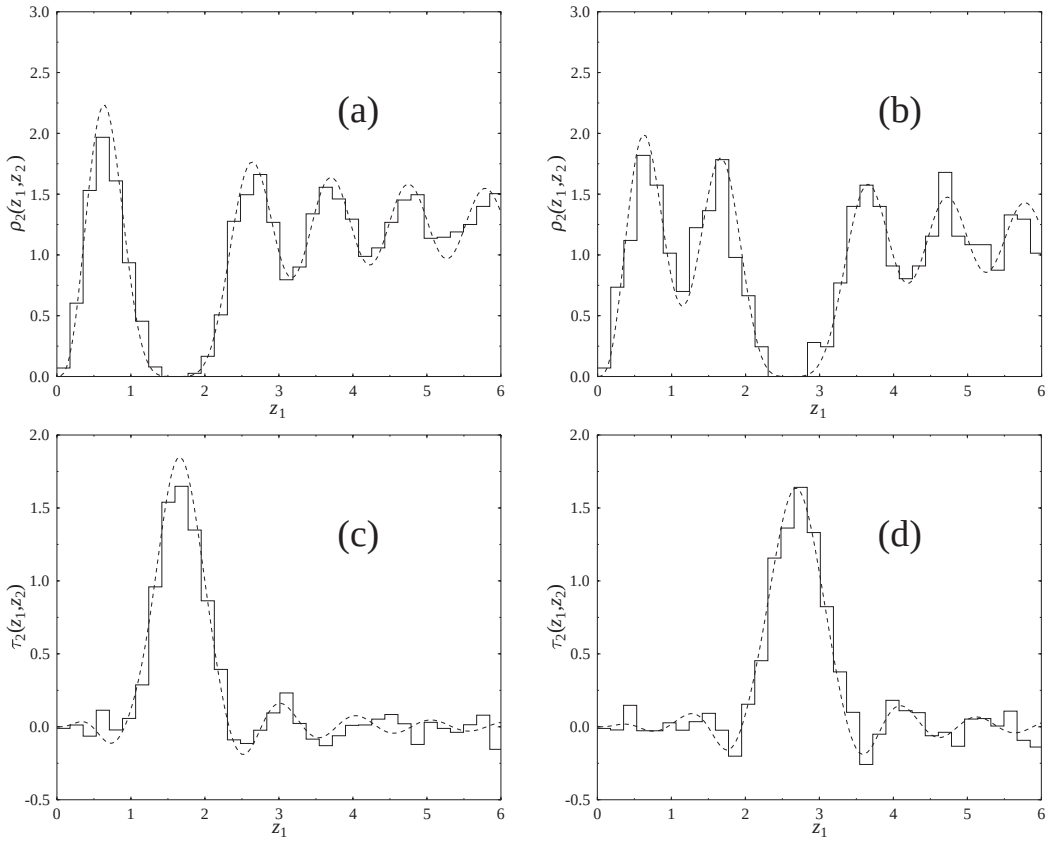

Fig. 3. The microscopic two-point correlation function $\rho_2(z_1, z_2)$ and the corresponding microscopic two-point cluster function $\tau_2(z_1, z_2)$ as functions of z_1 for fixed z_2. In **a** and **c**, $z_2 = 1.6$, in **b** and **d**, $z_2 = 2.6$. The *histograms* represent lattice data, the *dashed lines* the chGSE predictions

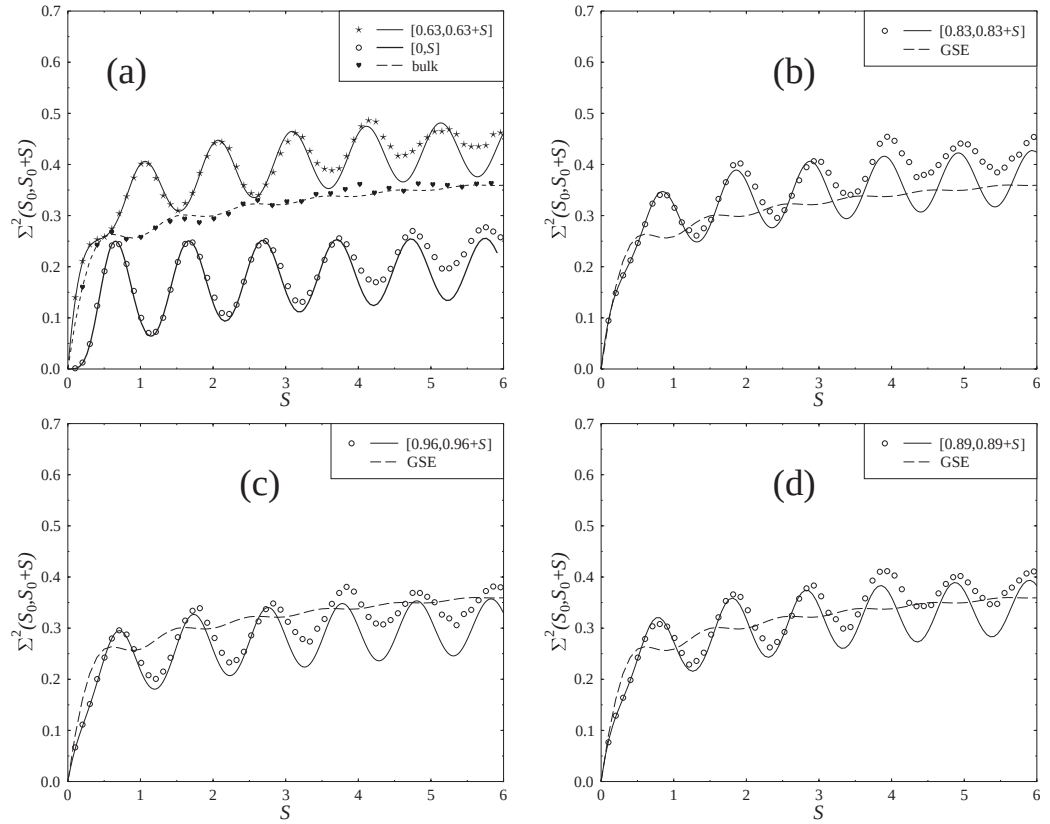

Fig. 4. The number variance in an interval $[S_0, S_0 + S]$ at the edge with **a** $S_0 = 0$ and 0.63, **b** $S_0 = 0.83$, **c** $S_0 = 0.96$, and **d** $S_0 = 0.89$ as calculated from the lattice data is compared with the corresponding predictions of the chGSE (*solid lines*) and GSE (*dashed lines*). For comparison, the number variance in the bulk is computed in **a**

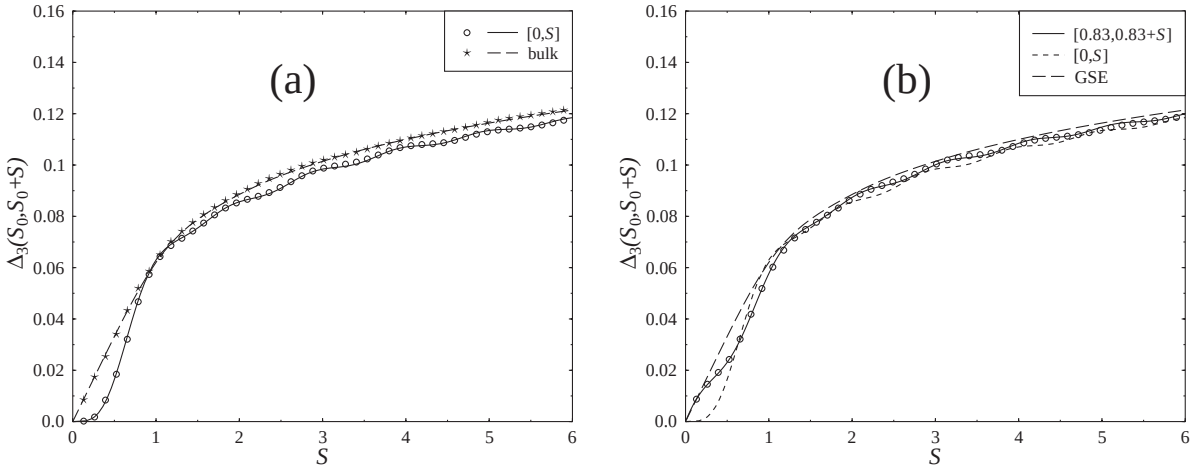

Fig. 5. The averaged spectral rigidity at the edge in intervals **a** $[0, S]$ and **b** $[0.83, 0.83 + S]$ as calculated from the lattice data is compared with chGSE (*solid lines*) and GSE predictions

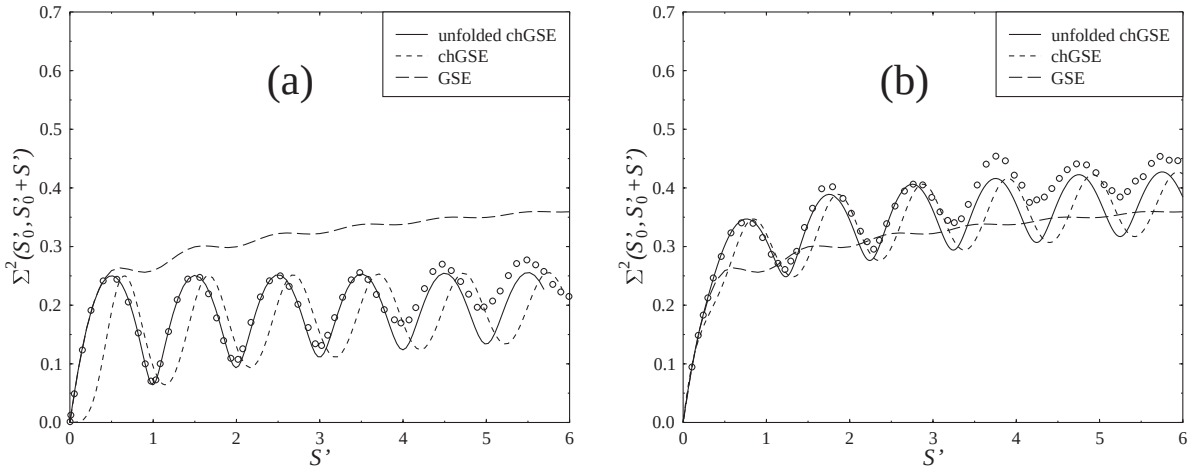

Fig. 6. The number variance calculated from the unfolded lattice data at the edge in an interval **a** $[0, S']$ and in an interval **b** $[0.75, 0.75 + S']$ corresponding to that in Fig. 4b

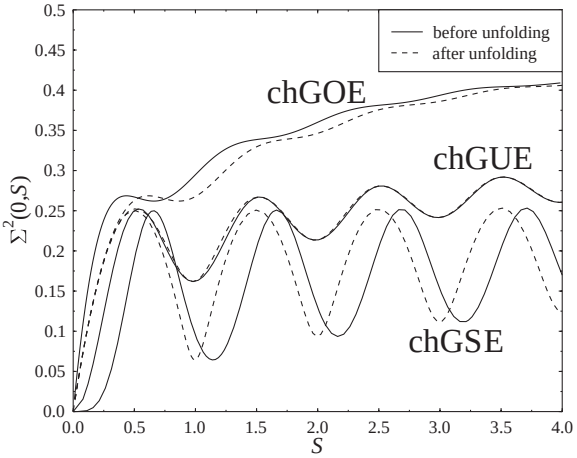

Fig. 7. The number variance of the chGOE, chGUE, and chGSE before and after unfolding in an interval $[0, S]$ at the spectrum edge

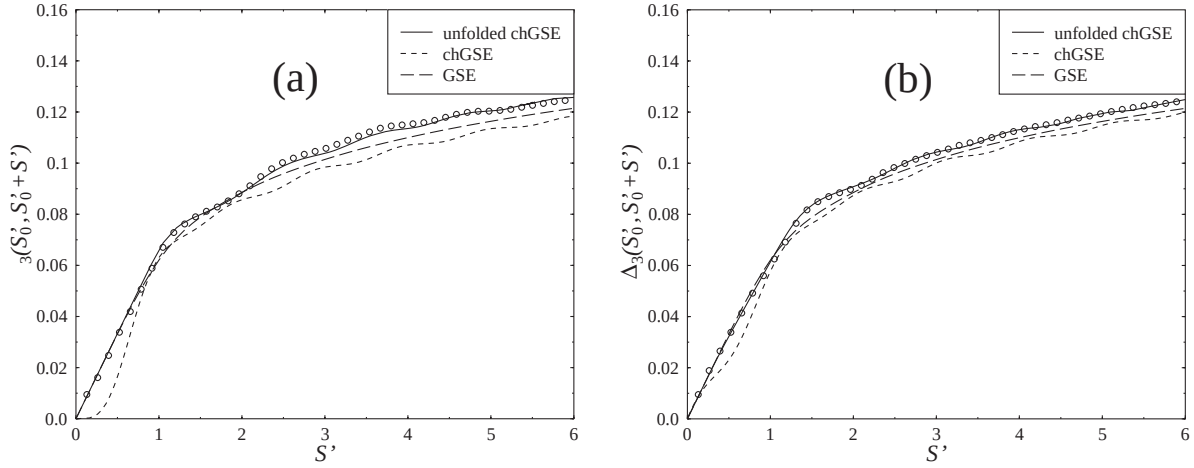

Fig. 8. The averaged spectral rigidity calculated from the unfolded lattice data at the edge in an interval **a** $[0, S']$ and in an interval **b** $[0.75, 0.75 + S']$ corresponding to that in Fig. 5b

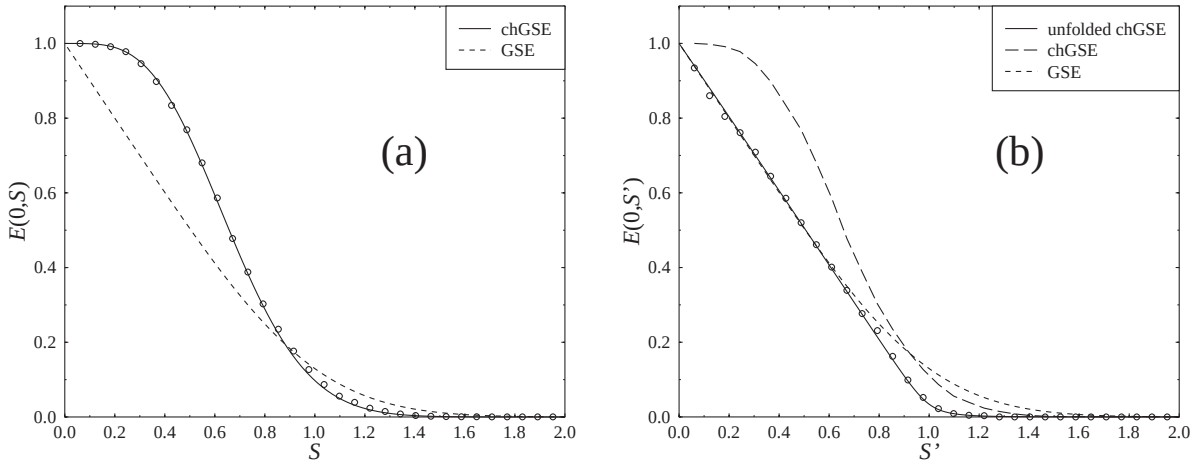

Fig. 9. The hole probability $E(0, S)$ **a** before and **b** after microscopic unfolding, compared with the corresponding chGSE predictions. The *circles* are the lattice data

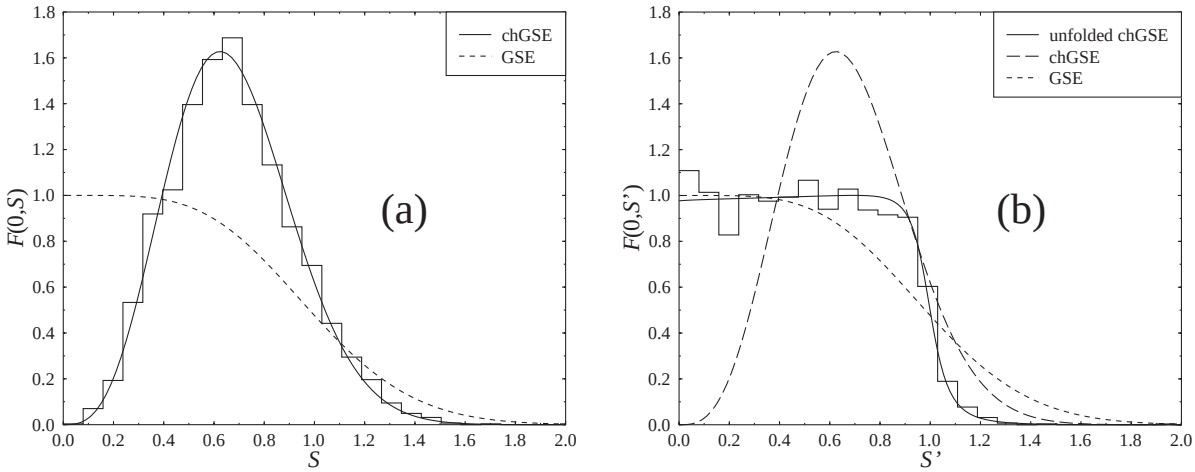

Fig. 10. The distribution of the smallest eigenvalue $F(0, S)$ **a** before and **b** after microscopic unfolding, compared with the corresponding chGSE predictions. The *histograms* represent the lattice data