Also in QCQ we have 3 universality classes

\[ C \leq \mathbb{R}, \ C \leq \mathbb{C}, \ C \leq \mathbb{Q} \]

corresponding to the anti-unitary symmetries

\[ SU(W_2, 3) \ C \text{ in fundamental} \]
\[ SU(CH_2/3) \ \mathbb{C} \text{ in adjoint} \]
\[ SU(2) \text{ Fundamental} \ \mathbb{R} \]

The real world is in the mathematically simplest case.

CHRMT results have been confirmed by hundreds of lattice QCQ simulations.

18d) Zeros of the Riemann Zeta function

\[ \zeta(s) = \sum_{n=1}^{\infty} \frac{1}{n^s} \]

reflection symmetry \( \zeta(s) = \zeta(1-s) \)

zeros are correlated according to the CH CUE, the same as Q6 Dirac eigenvalues