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## Lattice and string worldsheet in AdS/CFT: a numerical study

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A possible discretization of the Green-Schwarz string in AdS<sub>5</sub>×S<sup>5</sup> background is discussed and applied to the numerical study of the so-called cusp anomaly  $f(g)$ .

The latter, a pure function of the coupling  $g$ , when studied assuming the integrability of the underlying model, is an example of non-trivial interpolation smoothly connecting weak and strong coupling regimes and testing the AdS/CFT correspondence at a very deep level.

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