

Anomaly cancellation in superstring theory: a review

Anomalies in superstring theories are known to cancel via subtle mechanisms. We begin with the standard perturbative anomaly cancellation, which works uniformly across all theories.

We then move on to the discussion of the global anomaly cancellation, whose mechanism varies depending on the type of superstring theories in question.

Author: TACHIKAWA, Yuji (Kavli IPMU)