

Black Hole Superradiance Constraints on the KS Axiverse

Tuesday, 25 June 2019 14:45 (15 minutes)

We discuss imposing physical constraints on the recently generated Kreuzer-Skarke Axiverse, namely the application of mass limits coming from black hole superradiance. We briefly touch on how our approach can also be applied to other physical limits on axion masses and decay constants to rule out previously viable string backgrounds.

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Session Classification: Parallel Session