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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Black hole horizon edge partition functions** *JOURNAL OF HIGH ENERGY PHYSICS*
Grewal, M., Law, Y., Parmentier, K.
2023
- **Black hole superradiance with dark matter accretion** *PHYSICAL REVIEW D*
Hui, L., Law, Y., Santoni, L., Sun, G., Tomaselli, G., Trincherini, E.
2023; 107 (10)
- **Soft scalars and the geometry of the space of celestial conformal field theories** *PHYSICAL REVIEW D*
Kapec, D., Law, Y., Narayanan, S. A.
2023; 107 (4)
- **Black hole scattering and partition functions** *JOURNAL OF HIGH ENERGY PHYSICS*
Law, Y., Parmentier, K.
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- **Quantum de Sitter horizon entropy from quasicanonical bulk, edge, sphere and topological string partition functions** *JOURNAL OF HIGH ENERGY PHYSICS*
Anninos, D., Deneff, F., Law, Y., Sun, Z.
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- **A compendium of sphere path integrals** *JOURNAL OF HIGH ENERGY PHYSICS*
Law, Y.
2021
- **Penrose process for a charged black hole in a uniform magnetic field** *PHYSICAL REVIEW D*
Gupta, K., Law, Y., Levin, J.
2021; 104 (8)
- **Relativistic partial waves for celestial amplitudes** *JOURNAL OF HIGH ENERGY PHYSICS*
Law, Y., Zlotnikov, M.
2020
- **Massive spinning bosons on the celestial sphere** *JOURNAL OF HIGH ENERGY PHYSICS*
Law, Y., Zlotnikov, M.

2020

- **Poincare constraints on celestial amplitudes** *JOURNAL OF HIGH ENERGY PHYSICS*

Law, Y., Zlotnikov, M.

2020