## How the Schwarzschild-de Sitter horizons remain in thermal equilibrium at vastly different temperatures

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The Tolman–Ehrenfest criterion of thermal equilibrium for a static fluid in a static spacetime is generalized to stationary heat conduction with negligible backreaction, and then applied to Hawking radiation in the Schwarzschild–de Sitter geometry. The two horizons acting as thermostats remain in thermal equilibrium. The temperature of the radiation fluid interpolates between those of the two horizons, with a static profile that is given explicitly.

[Based on M. Miranda, M. Rinaldi & V. Faraoni 2024, Phys. Rev. D 110, 104065 (arXiv:2409.12861)]

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